DX LISTENING DIGEST 18-13, March 27, 2018
Incorporating REVIEW OF INTERNATIONAL BROADCASTING
edited by Glenn Hauser, http://www.worldofradio.com

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For restrixions and searchable 2018 contents archive see
http://www.worldofradio.com/dxldmid.html
[also linx to previous years]

NOTE: If you are a regular reader of DXLD, and a source of DX news but have not been sending it directly to us, please consider yourself obligated to do so. Thanks, Glenn

WORLD OF RADIO 1923 contents: Alaska, Albania non, Antarctica, Argentina non, Bhutan, Bougainville, Brasil, Chile, China and non, Colombia, Cuba and non, Eritrea, Ethiopia, France, Germany non, India, Iran, Japan and non, Korea North non, Korea South, Kuwait, Madagascar, Nigeria non, Norway, Per˙, Philippines, Sudan non, Sudan South non, Taiwan and non, Thailand, Turkey and non, USA, Vietnam; pirate weekend; and the propagation outlook

SHORTWAVE AIRINGS of WORLD OF RADIO 1923, March 27-April 3, 2018

Tue 2030	WRMI	9455 7780 [1922 replayed]
Tue 2130	WRMI	9455 7780 [1922 replayed]
Tue 2330	WBCQ	9330v-CUSB [confirmed]
Wed 1030	WRMI	9455
Wed 2100	WRMI	9955 [confirmed]
Wed 2100	WBCQ	7490v [confirmed]
Wed 2330	WBCQ	9330v-CUSB [confirmed]
Thu 2330	WBCQ	9330v-CUSB [confirmed]
Fri 2330	WBCQ	9330v-CUSB [confirmed]
Sat 0630	HLR	6190-CUSB Hamburger Lokalradio [Bulgaria confirmed]
Sat 1431	HLR	6190-CUSB Hamburger Lokalradio [England confirmed]]
Sat 1930v	WA0RCR	1860-AM
Sat 2130	WBCQ	9330v-CUSB [confirmed]
Sat 2300	WRMI	7780 [confirmed]
Sun 0200	WRMI	7780 [confirmed]
Sun 0310v	WA0RCR	1860-AM [confirmed from 0332]
Sun 1030	HLR	9485-CUSB Hamburger Lokalradio [Bulgaria confirmed]
Sun 2330	WBCQ	9330v-CUSB [confirmed]

Mon 0300v	WBCQ	5130v-AM Area 51
Mon 0330	WRMI	9955
Mon 2330	WBCQ	9330v-CUSB
Tue 0030	WRMI	7730
Tue 2030	WRMI	9455, 7780 [or #1923?]

Latest edition of this schedule version, including AM, FM, satellite
and webcasts with hotlinks to station sites and audio, is at:
http://www.worldofradio.com/radioskd.html or
http://schedule.worldofradio.org or http://sked.worldofradio.org

For updates see our Anomaly Alert page:
http://www.worldofradio.com/anomaly.html

WORLD OF RADIO PODCASTS:
Tnx to Dr Harald Gabler and the Rhein-Main Radio Club.
http://www.rmrc.de/index.php/rmrc-audio-plattform/podcast/glenn-hauser-wor

ALTERNATIVE PODCASTS, tnx Stephen Cooper:
http://shortwave.am/wor.xml

ANOTHER PODCAST ALTERNATIVE, tnx to Keith Weston:
http://feeds.feedburner.com/GlennHausersWorldOfRadio

NOW tnx to Keith Weston, also Podcasts via iTunes:
https://itunes.apple.com/us/podcast/glenn-hausers-world-of-radio/id1123369861

AND via Google Play Music:
http://bit.ly/worldofradio

OUR ONDEMAND AUDIO:
http://www.worldofradio.com/audiomid.html
or http://wor.worldofradio.org

DAY-BY-DAY ARCHIVE OF GLENN HAUSER`S LOG REPORTS:
Unedited, uncondensed, unchanged from original version, many of
them too complex, minutely researched, multi-frequency, opinionated,
inconsequential, off-topic, or lengthy for some log editors to
manage; and also ahead of their availability in these weekly issues:
http://www.hard-core-dx.com/index.php?topic=Hauser

IMPORTANT NOTICE!!!! WOR IO GROUP: Effective Feb 4, 2018, DXLD yg
archive and members have been migrated to this group:
https://groups.io/g/WOR
[there was already an unrelated group at io named dxld!, so new name]
From now on, the io group is primary, where all posts should go. One
may apply for membership, subscribe via the above site.

DXLD yahoogroup: remains in existence, and members are free to COPY same info to it, as backup, but no posts should go to it only. They may want to change delivery settings to no e-mail, and/or no digest. The change was necessary due to increasing outages, long delays in posts appearing, and search failures at the yg.

Why wait for DXLD issues? A lot more info, not all of it appearing in DXLD later, is posted at our io group without delay.

** ALASKA. 6045, KNLS, 1236, March 26. A vast improvement here now that A18 has started; gone now is the 1200-1400 former mess of VOA & jamming by CRN1; instead a good signal from Alaska with no QRM; in English; preaching; ID; religious songs (Ron Howard, Asilomar State Beach, CA, EtÛn E1, antenna: 100' long wire, WOR iog via WORLD OF RADIO 1923, DXLD)

Other English at 12-13 now listed as 7355, unconfirmed yet here (Glenn Hauser, WORLD OF RADIO 1923, ibid.)

** ALBANIA [non]. WRMI skedgrid no longer shows R. Tirana relay at 2300 on 5850; frequency not even on the air until *0000, except Fridays starting at 2230 with Yeshua show; instead Tirana at 0200-0230 Tue-Sat on 9395 (Glenn Hauser, March 27, WORLD OF RADIO 1923, DX LISTENING DIGEST)

9395, March 28 at 0200, NOT R. Tirana relay as now on the WRMI sked, and which I quoted on WOR 1923, but instead Radio Prague in English! 5850 at 2300 had been R. Tirana, but deleted from sked, altho I did not confirm March 27 that it was really off. If so, whither R. Tirana? See USA: WRMI for what else I was hearing around 0200 (Glenn Hauser, OK, DX LISTENING DIGEST) Later: Tirana at 0200 on 9395 but in Italian!

** ALGERIA [non]. FRANCE, Reception of Telediffusion d'Algerie via TDF Issoudun, March 25
2100-2159 5930 ISS 500 kW / 194 deg NWAf Arabic Holy Quran, very good:
2100-2159 9655 ISS 500 kW / 160 deg CEAf Arabic Holy Quran, very weak:
http://swldxbulgaria.blogspot.bg/2018/03/reception-of-telediffusion-dalgerie-via_26.html
(Ivo Ivanov, SWLDXBulgaria News, March 25, WOR iog via DXLD)

** ANGOLA. 4949.71 kHz, R·dio Nacional Angola, Mulenvos, PortuguÍs, 22.03.18, 2359 UT. CanÁ„o angolana, time pips (hora cheia), locuÁ„o feminina com o caracterÌstico sotaque angolano, 35543. Distancia: 6.564 km, Tx para Angola. Rx: KiwiSDR + Antena Loop W6LVP (S„o Bernardo SP) 73, (Rudolf Grimm, S„o Bernardo SP BRAZIL GG66rg, PY2-81502 SWL, http://dxways-br.blogspot.com radioescutas yg via DXLD)

Rudolf Grimm: Assim È, quanto ao sotaque (angolano), mas note que a

RNA tem locutores cujo sotaque È igual ou pr‡ticamente igual ao nosso, por motivos Ûbvios, e o mesmo se passa noutros territÛrios de lÌngua oficial portuguesa, com a excepÁ„o, igualmente Ûbvia, do Brasil. Para um brasileiro, creio que ser· muito difÌcil descobrir essas subtilezas. 73 (Carlos GonÁalves, PORTUGAL, ibid.)

** ANGUILLA [and non]. 11775, March 25 at 1251, S9+20/30 open carrier/dead air with some hum, obviously Caribbean Beacon but no DGS to be heard. PMS is heard at 1306, managing to modulate, // 13845 WWCR (Glenn Hauser, OK, DX LISTENING DIGEST)

Pastor Melissa Scott preaching now, 1820 etc., on both 11775 & 13845. Both signals coming in at moderate strength with sporadic fades & QRM. Overall noise levels high here at this time (Stephen C Wood, Harwich, Mass., Perseus SDR, 20 x 40 terminated superloop antenna, March 25, WOR iog via DXLD)

6090, March 26 at 0054, PMS is on again, but with some humwhine (Glenn Hauser, OK, DX LISTENING DIGEST)

** ANTARCTICA. LRA 36 Radio Nacional Arc·ngel San Gabriel, Base Esperanza, on air for the first time this year --- Station heard via SDR Kiwi Paraguay and SDR Kiwi Pardinho, S„o Paulo both, 15475.97 kHz.

15475.97, LRA 36, LRA36, Radio Nacional Arc·ngel San Gabriel, Base Esperanza, 1800-, non stop Latin American songs "Boleros", weak to very weak on both and with fading. Nothing here in Lugo at the moment, no audio, no carrier, but the best time to catch it here is about 2000-2100 UT (Manuel MÈndez, Lugo, Spain, 1840 UT Thursday March 22, WOR iog via WORLD OF RADIO 1923, DX LISTENING DIGEST) LRA 36, 15476, improving signal, carrier detected here in Lugo now at 1900 UT (MÈndez, ibid.)

** ARGENTINA [non]. USA, 9955. RAE-Argentina al Mundo. Marzo 15. 1100-1134 UT via WRMI. Servicio portuguÈs. Noticias sobre la visita de Macri a Noruega, Habeas Corpus sobre Lula en Brasil, Lema de protesta de mujeres sobre el proyecto de aborto seguro que ser· discutido legislativamente el 20 de Marzo, entre otras noticias. Luego se habla sobre el cambio de mando en Chile y primeras actividades del nuevo gobierno, Gabriel GarcÌa M·rquez y los 50 aÒos de ìCien aÒos de soledadî. ID y aviso de la emisora a las 1118. Desde las 1120, especial sobre la localidad de Melo y despuÈs m˙sica folclÛrica. A las 1130, identificaciÛn y espacio musical folclÛrico. SINPO: 55454, desde las 1108 con SINPO: 55343 con ruido atmosfÈrico marcado. Audio: https://soundcloud.com/claudio-radioham-dx/9955-khz-rae-march-15-1105-utc (Claudio Galaz, RX: Tecsun PL 660; ANT: Dipolo; QTH: Ovalle, IV RegiÛn, Chile, HCDX via DXLD)

9395, March 22 at 1937, WRMI Oldies ID, poor, weaker than // 9455. So still no RAE German relay.

9395 // stronger 9455, UT Fri Mar 23 at 0103, RAE English via WRMI is underway, lead-in about World Cup, music bed and then headlines starting with Peruvian presidential resignation. So contrary to WRMI skedgrid implication, RAE is continuing on both frequencies for rest of week. (Meanwhile VORW occupies 7780 // 5850 this UT hourday).

9395, March 23 at 2029, Bob Biermann musing, so must be `Your Weekend Show` instead of RAE in Italian --- aha, the WRMI sked grid http://www.tinyurl.com/WRMIfqs
has now deleted the RAE German at 19 & Italian at 20 on 9395, showing both it and 9455 as System G `Oldies` at 18-20, and more Oldies on 9395 only at 20-22 M-F, while 9455 switches to System D at 20-22. This `YWS` is another secret opt-out from `Oldies` never shown on the schedules. Meanwhile from 2030, 9455 seeming // JBA 7780 in Italian `Studio DX`. The program grid still shows RAE German & Italian, M-F 21-23 on 11580 only, which has really been off the air since the first week of January, and not coming back until Maybe.

RAE relays in Portuguese, Spanish, French, English are still on the sked and heard recently; Chinese and Japanese allegedly at 08-10 on 9455 I continue to sleep thru (Glenn Hauser, OK, WORLD OF RADIO 1923, DX LISTENING DIGEST) Later: German at 1900 restored, not Italian 2000

RAE Argentina in German heard Monday 26 March on 3985 kHz via Kall from 2100 to 2200 UT. Seemingly the Monday programme, as I was hearing the "Argentinischer Tango" feature (Alan Roe, March 26, WOR iog via WORLD OF RADIO 1923, DX LISTENING DIGEST)

Hi Glenn, In WOR 1923 you mentioned RAE via Kall on 3985 kHz at 2100. According to an info carried on a French DX forum, the station can also be heard via Kall from 0900 to 0930 UT in French and from 0930 to 1000 UT in Portuguese on 6005 kHz, probably Monday to Friday. PS.: I have not yet been able to hear them on 6005 yet. Greetings from Paris, France (Gilles Lesquin. March 28, DX LISTENING DIGEST) See GERMANY for complete Kall sked of Tirana and many other relays, in UT +2 (gh)

** ARMENIA. Voice of Armenia, 4810, 1654-1700 23 March, Male announcer animated in Yezidi; screechy violin music. Interval signal and national anthem at 1700. Female announcer transitioned to Turkish at 1702. Heavy QRM from AIR. SINPO 32333 (ED SYLVESTER, RIYADH, SAUDI ARABIA, Rig: WJ-8711A; Ant: Pixel Magnetic Loop with rotor, Up 35', WOR iog via DX LISTENING DIGEST)

** ARMENIA. On March 20 at 2050 UT at the frequency of 1350 kHz at the radio transmission of "Ai-Qum" in Arabic, there were still sounds from

neighboring frequencies - 1377 kHz from the TWR in Arabic and from 1395 kHz from the Voice of Velat in Kurdish, and at 1377 kHz accordingly, sounds from neighboring frequencies of 1350 and 1395 kHz sounded, and at 1395 kHz sounds were heard from neighboring frequencies 1350 and 1377 kHz (Rumen Pankov, Sofia, Bulgaria via Rus-DX 25 March via DXLD) Sounds? Do you mean cross-modulation in the 1350 transmitter, or interference? (gh, DXLD)

** AUSTRALIA [and non]. 5055, March 23 at 1231, JBA carrier presumed 4KZ; nothing on 5045 from OzyRadio, but a JBA carrier on 4835, presumably still Sikkim (Glenn Hauser, OK, DX LISTENING DIGEST)

5055, 4KZ, 1313, March 25. Very poor reception; unlike Mick Delmage, who was listening at the same time today, I was unable to ID any songs, as it was just too weak. BTW - 5045 (Ozy Radio) remains silent and not heard yet on Craig's anticipated new frequency of 4835 (Ron Howard, Asilomar State Beach, CA, EtÛn E1, antenna: 100' long wire, WOR iog via DXLD)

5055, 4KZ at 1325 UT March 25 with pop songs like "It's A Heartache" Bonnie Tyler, "You make me So Very Happy" by Blood Sweat and Tears, "Living Years" by Mike and The Mechanics etc. between announcements and commercials. About off at 1359:50 mid song "Always Something There To Remind Me". Fair. 73 (Mick Delmage, Sherwood Park, Alberta, Rx: Perseus SDR, Ant: Wellbrook ALA 100 loop antenna, WOR iog via DXLD)

** AUSTRALIA. 6230-USB, VMW (Australia Weather West), 1305, March 25. Gave many weather warnings; "gale warnings", "high seas warning," etc.; strong Sound of Hope (Taiwan) QRM; "End of transmission from VMW" 1311*

6676-USB, VOLMET weather, 1232-1234* on March 25. Gave visibility, weather, temperatures and dew points for Adelaide, Darwin, etc. My audio at
http://goo.gl/nG4gJj
(Ron Howard, Asilomar State Beach, CA, EtÛn E1, antenna: 100' long wire, WOR iog via DXLD)

** AUSTRALIA. Reach Beyond A18
   Effective from March 25 to Oct 27, 2018

By Language Download Link:
https://tinyurl.com/y9pekzyx

Program Schedule Download Link:
https://tinyurl.com/yafoszcc

Reception reports to: a18@reachbeyond.org.au

---- (via Alokesh Gupta, New Delhi, DXLD) Complex schedule (gh)

A-18 schedule of Reach Beyond Australia in English
http://swldxbulgaria.blogspot.bg/2018/03/a-18-schedule-of-reach-beyond-australia.html
(Ivo Ivanov, SWLDXBulgaria News, March 24-25, WOR iog via DXLD)

** BAHRAIN. Fair to good signal of Radio Bahrain, March 20/22
from 0505 on 9745 ABH 010 kW / non-dir to N/ME Arabic CUSB
from 2050 on 9745 ABH 010 kW / non-dir to N/ME Arabic CUSB
http://swldxbulgaria.blogspot.bg/2018/03/fair-to-good-signal-of-radio-bahrain-on.html
(DX RE MIX NEWS #1065 from Georgi Bancov and Ivo Ivanov, March 24, 2018, WOR iog via DXLD)

** BELGIUM. FOXES FRUSTRATE BELGIAN BROADCASTERS
By News from Elsewhere... ...as found by BBC Monitoring 20 March 2018
http://www.bbc.com/news/blogs-news-from-elsewhere-43469596

Image copyright Mehdi Khelfat/RTBF Image caption A fox (and a black cat) spotted in the car park at RTBF in Brussels [caption]

Plans to rebuild the studios of Belgium's national broadcasters could run into problems due to scores of foxes living on the site.

Flemish-language VRT says that experts have counted no fewer than 58 dens in the grounds of the broadcast centre it shares with RTBF, which serves the country's French speakers.

The broadcasters want to replace their brutalist concrete 1970s studio complex in the Brussels suburb of Schaarbeek; and while the fox dens in their extensive wooded grounds are common knowledge, it's come as some surprise that there are so many.

It's inevitable that the planned building works will result in the destruction of at least some of these dens, with one particular area already earmarked for a temporary car park, VRT says. Before that can happen, contractors will have to seek permission from the Brussels regional government, it's reported.

The four-year building project will see new studios and flats built on the land. Meanwhile, the rest of the grounds, which are currently closed to the public, will be turned into a park.

Despite this upheaval, the broadcasters say that they'll do their best not to drive the foxes away, nor the other fauna on their site which includes rodents, squirrels and birds.

As well as their usual diet of insects and worms, one fox was recently seen tucking into a pizza from the studio complex bins (via Jon Collins, Birmingham, middle of UK, DXLD)

** BHUTAN. Re: 6035 kHz. While it is of interest that PBS Yunnan is now on the air much longer than before [see CHINA], is bad news for Bhutan/BBS (6035) reception. Now whenever they broadcast after 1200+, looks as if they will encounter significant China QRM that was never there in the past at that time.

Making BBS even more of a challenge now! (Ron Howard, March 22, WOR iog via WORLD OF RADIO 1923, DX LISTENING DIGEST)

** BIAFRA [non]. WRMI 9955 webcast, from 0400 UT March 26 plays the same old Zombiafra file yet again, ``broadcasting from London``, but not on SW anywhen (Glenn Hauser, OK, DX LISTENING DIGEST)

** BOLIVIA. 6025. RED PATRIA NUEVA. Marzo 22. 1020-1040 UT. TransmisiÛn de la demanda marÌtima de La Haya realizada por Bolivia contra Chile, por salida soberna al mar. SINPO: 43443 (Claudio Galaz, RX: Tecsun PL 660; ANT: Dipolo; QTH: Ovalle, IV RegiÛn, Chile, HCDX via DXLD)

** BOUGAINVILLE [and non]. 3325, NBC Bougainville, 0819-1124, March 23. Some of the highlights of this enjoyable, better than normal reception; 0819-0856, in English (native speakers), so assume an audio feed from Port Moresby; finally at 0856 heard the "NBC Bougainville" promo and pop songs till ToH; 0900-0911 NBC national news in English; 0911-0922 "Regional News" in English; 0922-0930 DJ in Pidgin playing pop C&W songs ("Love's Gonna Live Here," etc.); 0931+ news in English; 1001 NBC news in English till 1014 "NBC Bougainville regional news" in English; at times close to being readable; light RRI Palangkaraya QRM.

March 24, NBC clearly off the air today (1035 and subsequent checking till 1200); only hearing RRI Palangkaraya, which at 1035 had reciting from the Qur'an. This remains the only Indonesian on SW, as Voice of Indonesia up on 9525.95 continues to be silent through today.

3325, NBC Bougainville, 0958, March 25 (Sunday). Mostly religious preaching and a lot of religious songs, except for the NBC news 1001-1011, in English; cut off at 1058* (an unusual time for them to go off the air!); no RRI Palangkaraya QRM noted, but after NBC left the air, was able to hear a weak RRI signal. NBC broadcasting here again after being silent yesterday. Today also had NBC Madang (3260) on the air with Sunday religious programs (Ron Howard, Asilomar State Beach, CA, EtÛn E1, antenna: 100' long wire, WOR iog via WORLD OF RADIO 1923, DXLD)

** BRAZIL. Resposta de escuta R·dio Cultura de Araraquara 3365 kHz

Daniel Wyllyans: Ol·, gostaria de parabenizar a R·dio Cultura de Araraquara por transmitir em 3365 kHz pelas ondas tropicais; sÚmente essa frequÍncia atinge aqui as florestas e locais ribeirinhos.

R·dio Cultura de Araraquara 3365 kHz: Ol·, Daniel. Ficamos muito gratos por vocÍ nos dar preferÍncia. Continue ligadinho conosco, uma boa semana!

https://dxbrazilsw.blogspot.com.br/2018/03/resposta-de-escuta-radio-cultura-de.html?m=1
(Daniel Wyllyans, Hard-Core-DX mailing list via WORLD OF RADIO 1923, DXLD)

I never hear a trace of 3365 in the early evenings or into the night. What are its hours? None shown in WRTH 2018 (Glenn Hauser, WORLD OF RADIO 1923, DXLD)

** BRAZIL. 5035 kHz, R·dio EducaÁ„o Rural de Coari / Amazonas: NotÌcia sobre preso suposto traficante de Coari, depois tocando m˙sica e passando notÌcias ao mesmo tempo, SINPO 34333, Dia 21 MarÁo 2018 ‡s 0932 UT
https://youtu.be/Hw4QvlmWQ-w
RX: Yaesu FRG 8800; Antena: Beverage simples (DXer: Daniel Wyllyans - SÌtio: Estrela do Araguaia - Nova Xavantina - Mato Grosso - Brasil, Hard-Core-DX mailing list via DXLD)

** BRAZIL. 8000 kHz, BRASIL: R·dio Casa 8000, Amparo SP. 27.03.18 1355 UT. SequÍncia de m˙sicas internacionais / nacionais. Ocasionalmente a identificaÁ„o da estaÁ„o. 25542. Rx: KiwiSDR + Antena Loop W6LVP (S„o Bernardo SP, no meu shack). Segundo dados levantados, a estaÁ„o opera com baixa potÍncia. 73, (Rudolf Grimm, S„o Bernardo SP BRAZIL GG66rg, PY2-81502 SWL, http://dxways-br.blogspot.com radioescutas yg via DXLD)

** BRAZIL. 8092 kHz (Testes) de R·dio M·xima - Ouro Fino / Brasil, 1720 UT, 23 Mar 2018. Passando m˙sicas no momento com SINPO de 34333.

8092 kHz, R·dio M·xima - Ouro Fino / Brasil, Passando m˙sicas ‡s 2015 UT em 23 MarÁo 2018, SINPO 34223
https://youtu.be/72JQbqdM6hw
RX: Yaesu FRG 8800; Antena: Beverage simples (DXer: Daniel Wyllyans - SÌtio Estrela do Araguaia - Nova Xavantina - Mato Grosso - Brasil, Hard-Core-DX mailing list via WORLD OF RADIO 1923, DXLD)

** BRAZIL. 5070 kHz, 8645 kHz, 8810 kHz. Nesse momento! R·dio Cidade Oldies / ParaÌba - Brasil frequÍncias, 0058 UT March 28, Hard-Core-DX mailing list via DXLD) More WOOB pirates keep being reported (gh)

** BRAZIL. 11780, March 24 at 2247, peppy music from RNA, VG S9+20 so on the air here today rather than trying spur-laden 6180 (Glenn Hauser, OK, DX LISTENING DIGEST)

** BRAZIL. 11935.00, 1910-1915 18.3, R Evangelizar, Curitiba, PR. Portuguese talk, 15231. Best 73 and Happy Easter! (Anker Petersen, Denmark, heard on the AOR AR7030PLUS with 28 metres of longwire in Skovlunde, WBradio yg via DXLD) Really on exact frequency? has always been way off below. Another bad logging program default? (gh, DXLD)

** BULGARIA. 9400even, BVB Radio Dardasha-7, S=9+10dB at 0304 UT, mentioned often talk on Ibrahim, via SPC-NURTS Sofia Kostinbrod Bulgaria relay. Wonder not contained in present A-18 MBR Cologne Germany FMO schedule anymore (Wolfgang B˚schel, March 26 at 0245-0330 UT, taken in Doha Qatar remote SDR installation, dxldyg via DX LISTENING DIGEST)

** BULGARIA [and non]. Shortwave Radiogram, 24-25 March --- Shortwave Radiogram this weekend is mostly in the usual MFSK32, but one item is in the twice-as-fast MFSK64 mode. MFSK64 is also fussier about the quality of signal it requires.

We will repeat last week's experiment in which MFSK32 text and an image are transmitted simultaneously: text centered on 1500 Hz and the image on 2200 Hz. A video of last weekend's concurrent decode of text and image is here...
https://twitter.com/Hal_Fi/status/975490303929982976

A very cool news-consuming app for PCs or mobile devices could be MFSK only, allowing the simultaneous decoding of text and images, one on the left, the other right, or top-bottom. This could be used on shortwave, AM, or any other radio band.

Details and schedule of this weekend's Shortwave Radiogram are here:
http://swradiogram.net/post/172169510747/shortwave-radiogram-24-25-march-2018-includes
(Kim Elliott, VA, WOR iog via DXLD)

** BULGARIA. SECRETBROD, Summer A-18 of Radio OMN & R. Nigeria Hausa Sce via SPL Secretbrod
http://swldxbulgaria.blogspot.bg/2018/03/summer-18-of-radio-omn-rnigeria-hausa.html

Summer A-18 frequency changes of BVBroadcasting via SPL Secretbrod
http://swldxbulgaria.blogspot.bg/2018/03/summer-18-frequency-changes-of.html
(DX RE MIX NEWS #1065 from Georgi Bancov and Ivo Ivanov, March 24, 2018, WOR iog via DXLD)

** CANADA. 351 kHz, March 24 at 0555, YKQ and dash, ND beacon from FORT RUPERT - WASKAGANISH, Quebec. I am beginning to wonder why almost all my NDB logs randomly tuned late at night are out of the northeast quadrant from here --- not from western Canada or USA, or SE USA. E-W longwire antenna should not be especially favorable for the NE. See also USA: 329 kHz (Glenn Hauser, OK, DX LISTENING DIGEST)

** CANADA. 1610 kHz, Saturday March 24 at 0605 UT, YL in Luso Portuguese, no doubt CHHA Vozes Latinas in Toronto --- but skedgrid as I recently linked has a blank block for 04-10 UT Sat & Sun; othernights it`s allegedly `All Night Music` --- does that mean all-English? (Glenn Hauser, OK, DX LISTENING DIGEST)

** CAYMAN ISLANDS. 415 kHz, March 16 at 0555, beacon CBC from Cayman Brac; JBA, weaker than the other US & Canadian ones logged now in the 400s (Glenn Hauser, OK, DX LISTENING DIGEST)

Good one. Heard here when on the coast, used to be at the QTH before the QRM became impossible (Terry L Krueger, Clearwater FL, DX LISTENING DIGEST)

** CHILE. 5825. R. TRIUNFAL EVANGELICA. Marzo 20. 2200-2222 UT. PresentaciÛn de la emisora y luego espacio musical hasta las 2230, cuando comienza una predicaciÛn que dura hasta las 2255, luego espacio de m˙sica. A las 2318, se leen saludos a los auditores. SINPO: 45444 con leve saturaciÛn del audio (Claudio Galaz, RX: Tecsun PL 660; ANT: Dipolo; QTH: Ovalle, IV RegiÛn, Chile, HCDX via DXLD)

Radio Triunfal EvangÈlica: Hola hermanos y amigos simpatizantes de nuestra RTE, les comunicamos que desde hoy hemos aumentado la potencia, a contar del lunes 26 de Marzo, nuestras transmisiones ser·n desde las 1900 a 2100 horas (22 a 00 UT), si logra captar la seÒal por los 5825 Khz banda 49 metros, nos informan o hacen llegar su reporte a radiotriunfal@gmail.com que Dios los bendiga.

Fuente: https://m.facebook.com/radiotriunfal/posts/570163643350005 (via Claudio Galaz Toledo, Chile IV, Hard-Core-DX mailing list UT March 25, via WORLD OF RADIO 1923, DXLD)

** CHILE. 6925-AM. RCW. Marzo 15. 2200-2300 UT. Programa ìEl Puntoî de Radio Sputnik Mundo. SINPO: 45343.

6925. RCW. Marzo 21. 2228-2300 UT. M˙sica ochentera, predicciones clim·ticas y m˙sica variada. SINPO: 55444.

6925. RCW. Marzo 22. 2111-2148 UT. M˙sica de los aÒos sesentas. SINPO: 45444 (Claudio Galaz, RX: Tecsun PL 660; ANT: Dipolo; QTH: Ovalle, IV

RegiÛn, Chile, HCDX via DXLD)

6250 kHz, RCW Radio CompaÒÌa Worldwide / Chile con m˙sicas, SINPO 23222 en 0117 UT. DÌa 23 Marzo 2018
https://youtu.be/1IQYAo1-YwQ

RX: Yaesu FRG 8800. Antena: Beverage simples (DXer: Daniel Wyllyans - SÌtio Estrela do Araguaia - Nova Xavantina - Mato Grosso - Brasil, Hard-Core-DX mailing list via WORLD OF RADIO 1923, DXLD)

6925. RCW. Marzo 23. 2240-2350 UT. Programa: ìEl Castor CibernÈticoî de R. Canad· Intl, en espaÒol hasta las 2326. Luego: ìLa hora del loloî con lectura de pronostico meteorolÛgico y m˙sica de los aÒos 60ís. SINPO: 45454 (Claudio Galaz, RX: Tecsun PL 660; ANT: Dipolo; QTH: Ovalle, IV RegiÛn, Chile, HCDX via DXLD)

** CHINA. Hi Glenn, I heard WOR 1922 this morning via Hamburger Lokalradio. In it you mentioned the new Chinese media giant Voice of China and wondered what was the difference with CRI.

Actually the new VOC is comprised of CRI, CCTV and the domestic radio services. So this new propaganda machine is actually much larger than CRI.

Source: an article in Le Monde dated March 22.
http://www.lemonde.fr/economie/article/2018/03/22/pekin-cree-un-super-media-d-etat-pour-porter-la-voix-de-la-chine_5274751_3234.html

It will be interesting to see to what extent it will be controlled by the communist party of China. The various CRI language sections enjoyed a relative freedom regarding content of their programs. In all likelihood this will no longer be the case. Best greetings from Paris, France (Gilles Lesquin, March 24, WORLD OF RADIO 1923, DX LISTENING DIGEST)

Gilles, Tnx for the info. Yes, I also got some more press about Voice of China, after recording on Tuesday (Glenn to Gilles) Viz.:

MEGA STATE BROADCASTER TO BE FORMED IN CHINA

According to a report in the South China Morning Post, China is planning to merge its state television and radio networks into one mega broadcaster in an overhaul that, the report says, is designed to tighten the Communist Party's grip on public opinion and burnish the country's global image.

China Central Television (CCTV), China National Radio (CNR) and China Radio International (CRI) will be consolidated into a new broadcaster

that is to be called Voice of China - a name that is reminiscent of international broadcasters at the height of the Cold War.

"Our senior editors are convening meetings to convey the news this afternoon," said a source who talked to SCMP and who requested anonymity. Another source at CCTV also confirmed the merger to the newspaper.

The news follows the apparently record-breaking release of Amazing China, a 90-minute documentary that records China's achievements over the last five years, led by President Xi. The film was released a day before the opening of China's biggest annual political gatherings which endorsed the constitutional change that allows Xi to rule for as long as he likes.

According to Xinhua news agency, the film had raked in over 300 million yuan (47 million US dollars) at the box office on the Chinese mainland by 16 March.
More here.
http://www.scmp.com/news/china/policies-politics/article/2138103/beijing-plans-merge-state-media-outlets-it-tightens
(March AIB Industry Briefing, via WORLD OF RADIO 1923, DXLD) viz.:

BEIJING PLANS TO MERGE STATE MEDIA OUTLETS AS IT TIGHTENS CONTROL
CCTV and two radio stations will become mega broadcaster Voice of China amid propaganda push at home and abroad
PUBLISHED : Tuesday, 20 March, 2018, 8:59pm
UPDATED : Tuesday, 20 March, 2018, 11:08pm
Comments: 7

[by] Nectar Gan nectar.gan@scmp.com http://twitter.com/Nectar_Gan

Policies & Politics [link to sidebar]
Itís the covert unit behind Chinaís growing global influence. And itís getting bigger --- 21 Mar 2018
http://www.scmp.com/news/china/policies-politics/article/2138196/its-mysterious-department-behind-chinas-growing

China is merging its state television and radio networks into one mega broadcaster in an overhaul designed to tighten the Communist Partyís grip on public opinion and burnish the countryís global image.

China Central Television (CCTV), China National Radio (CNR) and China Radio International (CRI) will be consolidated into a new broadcaster called Voice of China ñ a nod to federally funded Voice of America in the United States and Germanyís Deutsche Welle.

A department head at one of the affected stations confirmed the move

to the South China Morning Post.

ìOur senior editors are convening meetings to convey the news this afternoon,î said the source, who requested anonymity because they were not authorised to speak publicly before the official announcement.

Another source at CCTV also confirmed the merger.

[link to sidebar]
The Chinese reporterís eye-roll that turned a fawning question into an unmissable TV moment
http://www.scmp.com/news/china/policies-politics/article/2137052/chinese-reporters-eye-roll-turned-fawning-question

A document introducing the changes began circulating on social media on Tuesday. It says the consolidated group will sit directly under the State Council, Chinaís cabinet, and will be led by the partyís Central Publicity Department.

It also outlines changes to the propaganda unit and the Central Organisation Department ñ two already powerful agencies that will have even more heft after the revamp.

The propaganda department will absorb the countryís top media watchdog ñ the State Administration of Press, Publication, Radio, Film and Television ñ taking over its regulatory power on news, publications and film.

In another move, the State Civil Service Bureau will be merged into the Central Organisation Department, in a bid to strengthen the partyís oversight of all government workers.

[link to sidebar]
Chinese culture ministry merger in the works in renewed overseas soft power push
http://www.scmp.com/news/china/policies-politics/article/2136901/chinese-culture-ministry-merger-works-renewed-overseas

The changes are part of a structural reform of party and state departments designed to entrench the partyís control over all levers of government and all aspects of life.

According to the document, Voice of Chinaís main duties will be to ìpromote the partyís theories, principles and policiesî, ìcoordinate and organise major propaganda coverageî, ìstrengthen the ability to shape public opinionî, ìimprove its global communication capabilitiesî, and ìtell the China story wellî.

The party has strengthened its control of state media in recent years, with President Xi Jinping demanding all state media outlets show ìabsolute loyaltyî to the party during his high-profile tour of three news organisations in 2016.

Under Xi, Beijing has also grown increasingly eager to be heard in a world it sees as dominated by Western narratives that are unfair and biased against China.

But its overseas propaganda push has drawn concern and triggered a backlash in some countries, including the US and Australia.

[link to sidebar]
Singapore artist uses Straits Times to illustrate distortions of news media
http://www.scmp.com/culture/arts-entertainment/article/2133921/singapore-artist-uses-straits-times-illustrate

Xi, who has repeatedly urged state media to ìtell the China story wellî, has pledged to build a flagship external propaganda media system capable of wielding strong influence over international affairs.

ì[If a country] falls behind, it will be beaten,î Xi told senior party cadres in 2015. ìIf it is poor, it will starve; if it loses its right to speak, it will be upbraided.î

CRI currently has over 100 radio channels broadcasting outside China, covering more than 50 countries. Meanwhile CGTN, the English news channel of CCTV, has surpassed venerable British public broadcaster BBC with its Facebook fan base, amassing over 58 million likes.

This article appeared in the South China Morning Post print edition as: Merger of media will ëtell China story wellí (SCMP via WORLD OF RADIO 1923, DXLD)

I recall that Keith Perron, in a DXLDYG posting in 2014, stated that the Chinese authorities would be reevaluating the countryís international broadcasting efforts in the 2015-17 time frame. Looks like we are now seeing the results. Remains to be seen where shortwave fits into the master plan. Still a little amazed that CRI has retained some SW to NA, especially in the light of Russia axing international SW completely (Stephen Luce, Houston, Texas, WOR iog via DXLD)

Todayís Australian Financial Review newspaper has a report from its Shanghai correspondent on plans to create a ësuper broadcasterí aimed at audiences in Australia and other countries.

The AFR says ëPlans for the giant propaganda machine were unveiled as part of a wider push to sell ëXiplomacyí - a term coined by Chinaís state-run media to sell President Xi Jinpingí vision for China to become a bigger player on the world stage.

Under the plan CCTV will be merged with its main domestic and international radio broadcasters to create a ëVoice of Chinaí.

The move will create one of the worldís largest broadcasters with 14,000 staff reporting directly to he Communist Party. It is part of a wider reorganisation of the bureaucracy announced this week to strengthen Party control.

A document outlining the ministry shakeup said the consolidated CCTV, CNR and CRI would ëstrengthen international influence and to tell Chinaís story well.í

The move comes amid growing concern in many countries - including Australia - about Chinaís growing soft power influence. The Australian government is preparing to introduce new laws against ëforeign interferenceí which follows recent political controversy about Chinese influence on an Australian MP (Matt Francis (Sydney, Australia), March 23, WOR iog via DXLD) Welcome back! (gh)

** CHINA. 6035, PBS Yunnan (Voice of Shangri-la). New happenings here! During my daily monitoring had often noted a very consistent format. Either cutting off at 1200* or if running somewhat past that, they always started the same musical loop (filler music) at 1201, until they turned off the transmitter. Now am hearing a very different format.

March 20 - No musical loop at 1201, but announcers, in Chinese, continued on till cut off at 1206*.

March 21 - No musical loop at 1201; program format not the usual PBS format, instead many short segments, with what sounded like a number of commercial announcements; format somewhat resembled a commercial station; all in Chinese; played some songs; still on the air 1305+, long past their normal cut off time (Ron Howard, Asilomar State Beach, CA, EtÛn E1, antenna: 100' long wire, WOR iog via WORLD OF RADIO 1923, DXLD)

PBS Yunnan --- March 22 - Again with no musical loop at 1201; again with greatly extended schedule; in Chinese; same format as reported yesterday; still on the air at my last check of 1351+.

- - - - from WRTH Facebook page: Re: 6035 PBS Yunnan

Mauno Ritola (March 23):
At 1730 gone, so probably they signed off at 1700.

Mauno Ritola (March 24):
I think they were on again at 2300. I listened to them between 1000-1030, but did NOT hear Vietnamese, just non-stop Chinese pop. Ron/others: have you managed to hear an ID? Maybe this isn't any more Voice of Shangri-La programme, but something else? I can't get the streams work

Ron Howard (March 24):
Mauno - 6035, PBS Yunnan has certainly completely changed their format and schedule (adding perhaps 5 hours to their broadcasting day?). I have to wonder if this is now a AM or FM relay, as the format would seem to fit that being the case. Seems much more commercially oriented, with many short segments, unlike the former format of Voice of Shangri-la. Have not heard a new (or old) ID.

As recently as March 17, I was still reporting their former format, with the usual nice ID in English at 1132 ("Yunnan Radio and Television International, the Voice Shangri-la"), but since March 21, I have not heard the English ID at any time. My reception is usually poor, with constant adjacent QRM, so deciphering a new ID in Chinese would be a real challenge for me (via Ron Howard, WOR iog via WORLD OF RADIO 1923, DXLD)

** CHINA/TAJIKISTAN. 9370even, CNR1 jamming from China mainland facilities at Kashgar, - or/and Urumqi, Dongfang, Nanchang, Qiqihar, Quanzhou? and co-channel against:

9369.983 kHz RFA Tibetan language regularly at 01-03 UT via Dushanbe Orzu TJK, 250 kW at 110deg azimuth, 0245 UT on March 26, S=9+15dB mixture heard in remote SDR at Doha Qatar Middle East site [selected SDR options, span 12.5 kHz RBW 15.3 Hertz] (Wolfgang B̥schel, March 26 at 0245-0330 UT, taken in Doha Qatar remote SDR installation, dxldyg via DX LISTENING DIGEST)

** CHINA [non-logs]. 9410, CNR5, 1143, March 25. Surprised to find no station here; normally CNR5 would have fair reception and be // 5925, but not today; also not present was the rarer Taiwan station - Fu Hsing BS. Perhaps just a CNR5 anomaly today?

9410, CNR5, 1140, 1240 & 1325, March 26. Again with no station at all here. Change in schedule? This is nice, so if Taiwan (Fu Hsing BS) should again broadcast here, which they intermittently do, they will be in the clear! (Ron Howard, Asilomar State Beach, CA, EtÛn E1, antenna: 100' long wire, WOR iog via DXLD)

** CHINA. 6572-USB, VC01 (Chinese Military numbers station), on March 26, at 1150. Numbers in Chinese; fair (Ron Howard, Asilomar State Beach, CA, EtÛn E1, antenna: 100' long wire, WOR iog via DXLD)

** CHINA. 9800, March 25 at 1308, dramatic W&M dialog in English, with music, later singing, arguing; what`s this? Doesn`t seem to have religious angle, but hard to copy details. Keeps going until 1329 outro but missed title, to be continued tomorrow; and CRI ID, something about heritage.

Of course, it`s that dramatic program CRI has been running so much lately, rather than a gospel huxter. Absolutely American accents and I never heard any reference to anything Chinese. In B-17, 9800 was VOA Korean via Tinang, Philippines, but now for A-18 has ceded it at 13-14 only to CRI English, 135 degrees from Kunming. PHT still takes over 9800 at 1430 with Vatican Hindi, violating Separation of Church & State (Glenn Hauser, OK, DX LISTENING DIGEST)

** CHINA [non]. 13740, March 26 at 1405, CRI English via CUBA opening `Roundtable` with ``Happy Monday!``, big S9+40 but as usual undermodulated, ex-15700 in B-17. They always go one band lower for the summers at 14-16.

13670 dead air at S9+20, March 26 at 1406 must also be RHC not turned off yet (Glenn Hauser, OK, WORLD OF RADIO 1923, DX LISTENING DIGEST)

** CHINA. VG signal of CNR-1 jammer vs SOH Xi Wang Zhi Sheng, March 21 from 0930 15800 unknown kW / unknown EaAs Chinese vs Sound of Hope SOH http://swldxbulgaria.blogspot.bg/2018/03/very-good-signal-of-cnr-1-jammer-vs-soh.html
(Ivo Ivanov, SWLDXBulgaria News, March 21, WOR iog via DXLD)

** COLOMBIA. 5910.33, March 26 at 0049, Alcarav·n Radio music, poor but clear signal. They and we are in luck for A-18 as HFCC has nothing scheduled on 5910 between 20 and 05 --- and at 05-11 it`s a JIC MIC frequency direct from Yamata, Japan, probably only an alternate wooden standby. And, except for RDR, at 21-01 on 5910, Vatican placeholder in case IRDR ever be activated.

{Then my streetlight ignites at 0053 with an RF noise burst, 5 minutes after our sunset of 0048; optical switch would have been a few minutes later if the western horizon were not partly cloudy} (Glenn Hauser, OK, WORLD OF RADIO 1923, DX LISTENING DIGEST)

** CUBA. Radio Havana Cuba 6165 on Mar 23, 0453, SIO 253 in English. Hard to hear, but I was able to pick out some discussions about the issue of human trafficking and prostitution in Cuba. ó Iím glad to hear this being discussed as I was approached by far too many

prostitutes when I was in Havana in 2016. While a lot of good is coming from tourism to Cuba, Iím afraid this is one area that may not be a positive, and it will take both vigilance and thoughtfulness to ensure that the sex trade doesnít happen in a way that is exploitative. ó- By the way, I must mention that I have learned from other travelers that prostitution is much more prevalent in tourist areas, such as the historic area that I was staying in, but that in other parts of Cuba it is almost non-existent.

http://blog.jmb.mx/index.php/2018/03/23/kg5jst-radio-listening-logt-march-22-23-2018-utc/

(James Branum, KG5JST Radio Listening Log, March 22-23, 2018, UT. Unless otherwise noted, my QTH is EM15ep in the Deer Creek area of far Northwest Oklahoma City, Oklahoma County, Oklahoma, USA. My listening equipment is most often a Tecsun PL-310 ET, but I also sometimes use my Yaesu FT-817, my TIVDIO V-115, my Radio Shack 2000669, as well as AM/FM car radios. My favorite antenna is my MFJ-1988-T multiband backpacker antenna, but many of my receptions are with the stock antenna only or an attached random long-wire, WOR iog via DXLD)

11760, UT Monday March 26 at 0135, RHC `En Contacto` which I monitor in its 15-minute entirety. Arnie unsounds like on the telephone, better audio quality, but not studio either with some reverb and I think I hear some traffic noise underneath. This frequency soon fades down so I change to 9640, before it fades down too and I wind up on 5040. Arnie notes Daniel Wyllyans` log in Brasil of R. EducaÁ„o Rural de Coari on 5035 and laments that RHC itself prevents him from hearing it adjacently.

About the nominal 200 kW transmitter of R. Progreso on 890 in central Cuba: Arnie says it`s reduced to 80 kW non-direxional due to hurricane damage yet still gets DX reports from Europe; soon will be back up to 200 kW direxional with two new masts 120 meters high. After a bit by Marta, saying he`s connected by fibre-optic, final segment back to Arnie for propagation forecast and now he sounds more lo-fi telephonic (Glenn Hauser, OK, DX LISTENING DIGEST)

** CUBA [and non]. 7355 & 7375 & 7435, March 25 at 2204, jamming on all these, despite Radio MartÌ no longer using any of them this hour.

7435 & 7375 & 7355, March 26 at 0104, still heavy jamming all three non-MartÌ frequencies; while RM is really on 7335 loud and clear S9+48, and weaker 7365 but atop jamming, sounds like the RCC pope criticizing Maduro. Something`s always wrong at the DentroCuban Jamming Command.

Furthermore, the 7375 jamming is now disrupting something in French,

i.e. ROMANIA. At least it`s pulsing rather than full-bore. RRI is now scheduled four hours straight on 7375, 00-04 in English, French, Spanish, English. Picking a previous Radio MartÌ frequency is not a smart move (Glenn Hauser, OK, DX LISTENING DIGEST)

** CUBA. 6060, March 21 at 0621, RHC English is AWOL, leaving the ZY off-frequency alone. 6000, 6100, 6165 still going, and 5040 now runs English at 0500-0600v*. Something`s always wrong at RHC.

11810, March 22 at 1354, RHC is JBA but enough to match the mod with Spanish fundamental 11840 --- so this is a third-order x10 kHz spur, in addition to progressively stronger 11820 and 11830. I don`t get one on 11870, but yes on 11860 JBA vs equally JBA Yemen non. Something`s always wrong at RHC.

15370, March 23 at 1358 check, RHC is still OK with no spur constellation. None of those have been heard since March 15 on almost daily chex, so fixed for good? Don`t count on it. Something or another is always wrong at RHC.

15120, March 23 at 0022, CRI Spanish, with warbling squeals peaking about 2.5 kHz each side; // 5990 unsquealish but undermodulated. Something`s always wrong at RadioCuba.

6060, March 25 at 0607, RHC English is open carrier/dead air --- no, wait, it`s Just Barely Modulated, while 6165 is merely undermodulated, 6000 & 6100 sufficient. Something`s always wrong at RHC.

11760, Sunday March 25 at 1502, weekly RHC Esperanto is confirmed, tuned in too late to hear full schedule announcement, but ending with 07 hours on 6000, as already confirmed along with the other broadcast Sunday at 2230 on 15730. The 1500 emission was not on air the first date March 11, and not checked for on March 18 (Glenn Hauser, OK, DX LISTENING DIGEST)

** CUBA [and non]. 7335 < // 7365, March 25 at 1236, and // 9805 at 1245, R. MartÌ on all three with no jamming. The incompetent DentroCuban Jamming Command is still grinding away on: 7355, 7435, 5980, 11930, pulse jam on 6030. Noise on 5980 still going past 5980 vs NEW ZEALAND on new frequency, q.v.

At 1302 check, RM still VG on 7335 // 7365, jamming still on 7355 // 7435. (KNLS English is supposed to be on 7355 now at 12-13, no sign of it.) At 1405, RM now on 11930 under wall-of-noise jamming, but 13605 clear with the jamming still on ex-13820.

If anyCuban really has a hard time hearing Radio MartÌ, the first day(s) of a new season are great, as the DCJC is always behind in

jamming the correct frequencies. Arnie won`t even avail themselves of what`s openly available from the boycotted HFCC.

Altho the A-18 season is underway March 25, the latest HFCC schedule is still dated March 23. Extracting all the GB entries for MartÌ:
5980 07-10
6030 00-12
7365 00-03
7365 05-07
7365 12-14
7435 03-05
9565 20-24
9805 10-13
11930 14-20
11930 20-24
13695 13-20
Note this is NOT complete! Unlisting 7335 which I was just hearing (and was not in B-17 HFCC either). How about all the other 7 MHz frequencies they had been using evenings? We may expect even more than three transmitters at once, once the ex-Sri Lankan units be installed and operational. But I think the Cubans will still have plenty of jamming capacity, if they can just get them on the correct frequencies! (Glenn Hauser, OK, WORLD OF RADIO 1923, DX LISTENING DIGEST)

As we enter the second day of A-18, 0601+ UT March 26, how`s the DentroCuban Jamming Command doing vs Radio MartÌ?

Wall-of-noise against no RM: 7355, 5980
pulse jamming against no RM: 7375, 7435
NO jamming, RM in the clear: 7335, S9+20; 7365, S9+10
(RM probably also still on 6030 jammed, not checked)

Another check at 1320 March 26:
Jamming on 7355; and 7435 vs some innocent bystation: CRI Chinese eastward from Beijing site: Commies vs Commies!
NO jamming, RM in the clear: 7335, 7365 also in the mornings

At 1404 March 26: Wall of noise on 13820; RM now clear on 13605.

7335, March 26 at 2358, R. MartÌ now with jamming after a two-day honeymoon.

March 27 at 0005+ I survey the rest:
7365, R. MartÌ over jamming // same as on 7335
7435, 7355, jamming vs nothing
6030, RM readable with jamming about equal level
9565, March 27 at 0016, jamming vs nothing except weak Brazilian

11930, March 27 at 0021, wall-of-noise jamming against nothing; with occasional single beeps
9955, March 27 at 0013, pulse jamming with same beeps vs gospel huxter in English on WRMI
9490, March 27 at 0017, WON jamming against NO Radio Rep˙blica, ever at this hour. Ditto at 0559 pulse jamming with beeps - more below

Another survey, March 27 at 0603+:
7335 & 7365, WON jamming over RM
7355 & 7435, jamming vs nothing
5980, WON jamming but RM not on yet
6030, WON jamming with beeps about equal to RM
(Glenn Hauser, OK, DX LISTENING DIGEST)

** CUBA [non]. FRANCE, A-18 new frequency of Radio Rep˙blica via TDF Issoudun
0200-0400 7350 ISS 150 kW / 285 deg Cuba Spanish, ex 9490 A-17/B-17:
http://swldxbulgaria.blogspot.bg/2018/03/summer-18-new-frequency-of-radio.html
(Ivo Ivanov, SWLDXBulgaria News, March 23-24, WOR iog via WORLD OF RADIO 1923, DX LISTENING DIGEST)

7350 transmission still not confirmed by March 31. Jamming still on 9490, also earlier March 27 at 0017 and ~0600 chex (Glenn Hauser, WORLD OF RADIO 1923, DX LISTENING DIGEST)

** EAST TURKISTAN. 5060, 4980, 4850, 4500, March 23 at 0040, equal JBA carriers on this quartet, which combination can only be the four domestic language services of PBS Xinjiang, Urumqi, along grayline. Our sunset: 0045; their sunrise: 0008.

9470, March 26 at 0110, S4-S6 discussion of Trump and American politix by American accents; could it be VOA? Of course not! It`s CRI as scheduled via Kashgar, and about two words ahead of much stronger 9580 Cuban relay (Glenn Hauser, OK, DX LISTENING DIGEST)

** EQUATORIAL GUINEA. 5005, March 21 at 0532, S4-S6 vs storm noise, but enough signal to make out some music from RNGE, Bata. Not unusual to get a JBA carrier sometime between 05 and 06, but trying now near a time Ron Howard was hearing modulation, and it worked. I still have a JBA carrier at 0611. Sunrise was 0525 UT, and less than two degrees from the Equator, as the name implies, SR time varies only about 22 minutes during the year (Glenn Hauser, OK, DX LISTENING DIGEST)

** ERITREA [non]. SECRETLAND, Fair signal of Dimtse Radio Erena via SPL Secretbrod, March 26
1700-1800 NF 9720 SCB 050 kW / 195 deg Tigrinya/Arabic, ex 11965 A-17
http://swldxbulgaria.blogspot.bg/2018/03/fair-signal-of-dimtse-radio-erena-via.html

(Ivo Ivanov, SWLDXBulgaria News, March 26-27, WOR iog via DXLD)

** ERITREA [and non]. 7140.020, ERI, Asmara peak string visible, mixture with White Noise audio option on Ethiopian Gedja 'Made in China' SW transmitters. S=9+15dB at 0405 UT, broadband jamming noise 7131.5 to 7148 kHz.

different TX in Asmara in use: 7180.0195 ERI Asmara peak string visible, mixture with White Noise audio option on Ethiopian Gedja 'Made in China' SW transmitters. S=9+15dB at 0410 UT, broadband jamming noise 7169.4 to 7186.9 kHz. Morning 0400-0440 UT log March 25, stations noted on remote SDR unit at Doha Qatar, Middle East [selected SDR options, span 12.5 kHz RBW 15.3 Hertz] (Wolfgang B˚schel, df5sx, wwdxc BC-DX TopNews March 25, dxldyg via WORLD OF RADIO 1923, DX LISTENING DIGEST)

Reception of VOBME 1 and VOBME 2 Dimtsi Hafash on March 26
from 0530 7140 ASM 100 kW / non-dir Tigrinya VOBME 1, weak/fair signal
from 0530 7180 ASM 100 kW / non-dir Amharic VOBME 2, good, ex 7181.5
http://swldxbulgaria.blogspot.bg/2018/03/reception-of-vobme-1-vobme-2-dimtsi.html
(Ivo Ivanov, SWLDXBulgaria News, March 26, WOR iog via DXLD)

** ETHIOPIA. 7130-7150 & 7170-7190, March 24 at 0357, S9+10 QRDRM jamming noise INTRUDERS obviously from Ethiopia against the two Eritrean frequencies, 7140+ and 7181+ but whose carriers cannot even be detected amid. Edges trail off but note these reach 20 kHz wide rather than the DRM standard of 10 kHz sharp (Glenn Hauser, OK, WORLD OF RADIO 1923, DX LISTENING DIGEST)

** ETHIOPIA [non]. Reception of BRB Radio Xoriyo Ogaden via MBR Issoudun, March 24
1600-1630 11970 ISS 500 kW / 130 deg EaAf Somali Tue/Sat, fair signal,
1600-1630 17630 ISS 500 kW / 130 deg EaAf Somali Tue/Sat from March 31
Transmissions are jammed by Ethiopia with white noise digital jamming
http://swldxbulgaria.blogspot.bg/2018/03/reception-of-brb-radio-xoriyo-ogaden_25.html
(Ivo Ivanov, SWLDXBulgaria News, March 24-25, WOR iog via DXLD)

** ETHIOPIA [non]. GERMANY, Reception of Voice of Oromo Liberation via MBR Nauen, March 25
1700-1730 15420 NAU 100 kW / 144 deg Afar Oromo Wed/Fri/Sun, good:
Transmissions jammed by Ethiopia with strong digital white noise
http://swldxbulgaria.blogspot.bg/2018/03/reception-of-voice-of-oromo-liberation_26.html

Reception of BRB Radio Voice of Amara via MBR Issoudun, March 25
1700-1800 15360 ISS 250 kW / 120 deg Amharic Mon/Wed/Sat/Sun, fair:
Transmissions jammed by Ethiopia with strong digital white noise

http://swldxbulgaria.blogspot.bg/2018/03/reception-of-brb-radio-voice-of-amara_26.html
(Ivo Ivanov, SWLDXBulgaria News, March 25, WOR iog via DXLD)

** ETHIOPIA [non]. FRANCE, Oromo Voice Radio & Radio Xoriyo Ogaden via TDF Issoudun, March 26
Oromo Voice Radio
1600-1630 17850 ISS 250 kW / 130 deg Afan Oromo Mon/Wed/Sat, fair/good
Transmissions are jammed by Ethiopia with white noise digital jamming
Radio Xoriyo Ogaden
1600-1630 17870 ISS 500 kW / 130 deg Somali Mon/Fri, weak to fair
Transmissions are jammed by Ethiopia with white noise digital jamming
http://swldxbulgaria.blogspot.bg/2018/03/oromo-voice-radio-radio-xoriyo-ogaden.html
(Ivo Ivanov, SWLDXBulgaria News, March 26-27, WOR iog via DXLD)

** EUROPE. The new transmission of KCR ! --- Dear friends, the KCR will be back on air this coming weekend with her fourteenth transmission. We start all 07'00 UT on Saturday 31/3 and end at 13'00 02/4 Monday. 6915 / 6920 kHz. A long marathon with such beautiful music, interesting broadcasts and much more. There will be two important events not to be missed, the ìPPP Pirate Hunt 2018î and the ìGlobal HF Weekendî. We couldn't miss. Best wishes and a Happy Easter! Jasmine: (Rus-DX 25 March via WORLD OF RADIO 1923, DXLD)

** FRANCE. FRAN«A. 17850. Mar 26, 2018. 1948-2000, Radio FranÁa Internacional, Issoudun-F, em FrancÍs. ConversaÁ„o entre vozes masculinas sobre polÌtica europeia na atualidade; 1959 Locutora fala, ID. RFI apresenta um excelente sinal nesta frequÍncia, porÈm, a difus„o est· muito prejudicada por problema no transmissor, suponho, manifestada por um forte ruÌdo semelhante ao "motor de aeroplano", 55243 (DXer: JosÈ Ronaldo Xavier, Local da escuta: Cabedelo-PB, Brasil, Receptor: Tecsun S-2000. Nestas escutas estou seguindo o HFCC A18 Global HF Schedule, WOR iog via DXLD)

** GERMANY. Sprengung Langwellenmasten Aholming

DLF 207 kHz Aholming Bavara, final March 29, 12.00z

Von: Rainer Englert
Datum: Do., 22. M%rz 2018 12:46
An: Rainer Englert, DF2NU;
Wolfgang Hirler; Peter Jenus DJ8XW ;
Betreff:Sprengung Langwellenmasten Aholming

Hallo Wolfgang, von einem mir bekannten OM in Straubing habe ich erfahren, dass die Langwellen-Masten in Aholming am kommenden Donnerstag den 29.03.2018 um 14 Uhr gesprengt werden sollen.

Damit w%re der letzte AM-Sendemast in Deutschland auf dem M¸llhaufen
der Geschichte gelandet ... Kannst Du diesen Termin best%tigen ?
73 Rainer Englert (DF2NU)
Dorfstrasse 14
85567 Bruck-Alxing GERMANY
(via Peter Jenus, all FYI via Wolfgang B¸schel, DXLD)

** GERMANY. Summer A-18 of New Shortwave Radio for Europe from Mar 26
http://swldxbulgaria.blogspot.bg/2018/03/summer-18-of-new-shortwave-radio-for.html
(DX RE MIX NEWS #1065 from Georgi Bancov and Ivo Ivanov, March 24,
2018, WOR iog via DXLD)

** GERMANY. Schedule A-18 KLL Germany

all times in CEST / MESZ   GMT +2 hrs   <<<<<<<<<<

*** SENDEPLAN A18 *** ALLE ZEITEN IN MESZ ***

6005 kHz

Montag-Freitag

0900-0930 Voice Of Mongolia
0930-1000 DP07 (from 01. April 2018)
1000-1200 Radio Belarus
1200-1227 RSI deutsch
1227-1230 Nordschleswiger
1230-1300 SRF Rendez-Vous
1300-1330 RSI englisch
1330-1400 RSI franzˆsisch
1400-1430 DP07 (from 01. April 2018)
1430-1500 Radio Tirana englisch
1500-1527 RSI deutsch
1527-1530 Nordschleswiger
1530-1600 RSI franzˆsisch
1600-1630 RSI spanisch
1630-1700 RSI englisch
1700-1730 Polskie Radio deutsch
1730-1757 RSI englisch
1757-1800 Nordschleswiger
1800-1900 SRF Echo der Zeit

Samstag

0900-0930 Voice Of Mongolia
0930-1000 DP07 (from 01. April 2018)
1000-1200 Radio Belarus

1200-1230 RSI deutsch
1230-1300 Musik non stop
1300-1330 RSI englisch
1330-1400 RSI franzˆsisch
1400-1430 DP07 (from 01. April 2018)
1430-1500 Radio Tirana englisch
1500-1530 RSI deutsch
1530-1600 RSI franzˆsisch
1600-1630 RSI spanisch
1630-1700 RSI englisch
1700-1730 Polskie Radio deutsch
1730-1757 RSI englisch
1757-1800 Nordschleswiger
1800-1900 SRF Echo der Zeit

Sonntag

0900-0930 Voice Of Mongolia
0930-1000 DP07 (from 01. April 2018)
1000-1200 Radio Belarus
1200-1227 RSI deutsch
1230-1300 Musik non stop
1300-1330 RSI englisch
1330-1400 RSI franzˆsisch
1400-1430 DP07 (from 01. April 2018)
1430-1500 Radio Tirana englisch
1500-1527 RSI deutsch
1527-1530 Nordschleswiger
1530-1600 RSI franzˆsisch
1600-1630 RSI spanisch
1630-1700 RSI englisch
1700-1730 Polskie Radio deutsch
1730-1757 RSI englisch
1800-1900 SRF Echo der Zeit
1900-2000 Radio Amathusia
2000-2100 Holands Palet

*** SENDEPLAN A18 *** ALLE ZEITEN IN MESZ ***

7310 kHz

Samstag

1200-1600 Radio Mi Amigo

Sonntag

1200-1600 Radio Mi Amigo

*** SENDEPLAN A18 *** ALLE ZEITEN IN MESZ ***

6085 kHz

Montag-Sonntag

0900-1900 Radio Mi Amigo

*** SENDEPLAN A18 *** ALLE ZEITEN IN MESZ ***

3985 kHz

Montag-Freitag

1700-1730 Radio Tirana franzˆsisch
1730-1800 RSI franzˆsisch
1800-1900 SRF Echo der Zeit
1900-2000 Radio Mi Amigo
2000-2027 RSI deutsch
2027-2030 Nordschleswiger
2030-2100 RSI franzˆsisch
2100-2130 RSI englisch
2130-2200 Radio Tirana deutsch
2200-2230 SRF Das war der Tag
2230-2300 Radio Tirana italienisch
2300-2400 RAE deutsch <<<<<<<<<<<<<<<<<<<<<<<<<<<<!!

Samstag

1700-1730 Radio Tirana franzˆsisch
1730-1800 RSI franzˆsisch
1800-1900 SRF Echo der Zeit
1900-2000 RCI franzˆsisch
2000-2027 RSI deutsch
2027-2030 Nordschleswiger
2030-2100 RSI franzˆsisch
2100-2130 RSI englisch
2130-2200 Radio Tirana deutsch

Sonntag

1700-1730 Radio Tirana franzˆsisch
1730-1800 RSI franzˆsisch
1800-1900 SRF Echo der Zeit
1900-2000 Musik non-stop / Sondersendungen special transmission
2000-2027 RSI deutsch
2027-2030 Nordschleswiger

2030-2100 RSI franzˆsisch
2100-2130 RSI englisch
2130-2200 RCI englisch
(via Wolfgang B¸schel, March 27, DXLD)

** GERMANY. ENGLISH --- NOT ENGLISCH FROM DW
Re 18-12: ``Mike, ich sehe in dieser Tabelle kein einziges DWL English und French Programm.
http://www.hfcc.org/data/schedbyfmo.php?seas=A18&fmor=DWL
vy73 de Wolfgang DF5SX END (BC-DX 14 March via DXLD)

Indeed, not even the 16-17 UT English I quoted on WOR 1922 from another version which was tentative as of March 5:
ENGLISH 1600 1700 9670 MEYERTON Africa (east) daily 25.03.18-28.10.18
FRENCH 1700 1800 11610 MEYERTON Africa   daily 25.03.18-28.10.18

Only languages on above HFCC sked are: Hausa, Amharic, Swahili, Pashto & Dari. According to WRTH, English and French were already gone in the B-17 schedule. So were they tentatively thinking of restoring them, and then nixed? (Glenn Hauser, OK, WORLD OF RADIO 1923, DX LISTENING DIGEST)``

Tentative in this case obviously means: Wishful thinking by someone who still had hopes to sell the airtime. For no reason, it was an official decision in 2017 to finally terminate shortwave broadcasts in English and French due to a steep decline in usage.

And the decline is not limited to these two languages. The recently issued performance and strategy report gives some numbers for weekly audiences. Amharic is down from 25 percent in 2007 to 5 percent in 2014, Pashto from 8 percent in 2013 to 2 percent in 2016, Dari from 9 percent in 2009 to 1 percent in 2016. In the case of Amharic that's still better than the main competition, VOA, which according to the DW report achieved in 2014 a weekly reach of 3 percent.

Perhaps they said, why still bother, at least a few episodes of "English for you" have now been uploaded, much enjoyed by those who saw it in school back then.....
https://youtu.be/jjLQcTZcLbc?t=95
(Kai Ludwig, Germany, March 22, WOR iog via DXLD)

** GERMANY [non]. DEUTSCHE WELLE A18
   Effective from 25.03.18 - 27.10.18

Language Time/UTC Frequency Txer Site Target Area Weekday
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AMHARIC 1600-1700 15275 kHz ISSOUDUN Ethiopia daily

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AMHARIC 1600-1700 17800 kHz DHABAYYA   Ethiopia     daily

DARI    1330-1400 11720 kHz DHABAYYA   Afghanistan  daily
DARI    1330-1400 15215 kHz DHABAYYA   Afghanistan  daily

HAUSA   0630-0700 09830 kHz SAO TOME   Africa(west) daily
HAUSA   0630-0700 11800 kHz ISSOUDUN   Africa(west) daily
HAUSA   0630-0700 15200 kHz MEYERTON   Africa(west) daily
HAUSA   1300-1400 09830 kHz SAO TOME   Africa(west) daily
HAUSA   1300-1400 11980 kHz SAO TOME   Africa(west) daily
HAUSA   1300-1400 17800 kHz ASCENSION  Africa(west) daily
HAUSA   1800-1900 09830 kHz SAO TOME   Africa(west) daily
HAUSA   1800-1900 11800 kHz ISSOUDUN   Africa(west) daily
HAUSA   1800-1900 15200 kHz ISSOUDUN   Africa(west) daily

PASHTO  1400-1430 11720 kHz DHABAYYA   Afghanistan  daily
PASHTO  1400-1430 15215 kHz DHABAYYA   Afghanistan  daily

SWAHILI 1000-1100 15275 kHz MADAGASCAR Africa(east) daily
SWAHILI 1000-1100 17710 kHz MEYERTON   Africa(east) daily

Football special Saturday 31.03.18-12.05.18:
HAUSA   1325-1530 15195 kHz ISSOUDUN   Africa(west)
HAUSA   1325-1530 17840 kHz MEYERTON   Africa(west)

Reception reports to info@dw.com
--- (via Alokesh Gupta, New Delhi, WORLD OF RADIO 1923, DXLD)

** GERMANY [and non]. [ARMENIA / AUSTRIA / BULGARIA / FRANCE /
MADAGASCAR / TAJIKISTAN / UZBEKISTAN/ USA]

MEDIA BROADCAST GmbH Cologne, Germany (formerly T-SYSTEMS - DTK)

A-18 period 25 March 2018 - 28 Oct 2018 [LANGUAGES OMITTED!! GH]
A-18 operational MBR schedule of March 25, 2018.  Times are in UT

SORT BY BROADCAST ORGANIZATION, TIME, FREQUENCY.

 FREQ STARTSTOP CIRAF         TX/Ant#  AZI TYPE  DAYS  LOC POW BRC

 9655 0300-0330 48             330100  140 216 1234567 NAU 250 AWR
 5975 0400-0430 28SE           310100  140 216 1234567 NAU 100 AWR
 6155 0430-0500 37,38W         330100  220 216 1234567 NAU 100 AWR
 7220 0600-0630 46S?alternat S-18? 235 200 216 1234567 ISS 250 AWR ?
12035 0600-0630 46S                203 162 196 1234567 ISS 250 AWR
15455 0600-0630 46S ?only J18? 320200  200 218 1234567 NAU 250 AWR ?
11880 0700-0730 46S                223 170 196 1234567 ISS 250 AWR
15225 0700-0800 37,38W         320200  210 218 1234567 NAU 100 AWR
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15225	0800-0830	37,38W	330200	210	218	1234567	NAU	250	AWR
15225	0830-0900	37,38W	320200	210	218	1234567	NAU	100	AWR
11905	0900-1000	28W	330100	180	216	1	NAU	100	AWR
12055	1300-1330	49NW	DB_05a	118	416	1234567	DB	100	AWR
17810	1300-1330	42,43W	310200	75	218	23456	NAU	250	AWR
17810	1300-1330	42,43W	310200	75	218	17	NAU	250	AWR
9955	1330-1400	41NE	TAC_02	131	418	14	TAC	100	AWR
9955	1330-1400	41NE	TAC_02	131	418	56	TAC	100	AWR
9955	1330-1400	54N	TAC_02	131	418	237	TAC	100	AWR
11825	1330-1400	49E	DB_05a	118	416	1234567	DB	100	AWR
15285	1330-1500	42,43W	310200	75	218	1234567	NAU	250	AWR
15165	1430-1500	49NW	TAC_03	121	418	1234567	TAC	100	AWR
15590	1500-1530	41S	1101001	105	616	1234567	SOF	250	AWR
15605	1500-1530	41N	340200	87	218	1234567	NAU	125	AWR
9580	1530-1600	41S	TAC_21	163	911	1234567	TAC	100	AWR
11755	1530-1600	41E	TAC_02	141	418	1234567	TAC	100	AWR
12025	1530-1600	41W	TAC_10	186	910	1234567	TAC	100	AWR
15215	1530-1600	41N	340200	90	218	1234567	NAU	250	AWR
15670	1530-1600	41N, 42S	310200	79	218	56	NAU	250	AWR
15670	1530-1600	41N, 42S	310200	79	218	12347	NAU	250	AWR
9830	1600-1630	28SE	350300	135	216	1234567	NAU	125	AWR
11950	1600-1630	41S	1101001	105	616	1234567	SOF	250	AWR
15490	1630-1700	48	330200	139	218	1234567	NAU	250	AWR
17570	1630-1700	48	RII02008	122	217	1234567	ISS	250	AWR
17720	1630-1700	48	320200	141	218	1234567	NAU	250	AWR
15170	1730-1800	37,38W	320200	210	218	1234567	NAU	125	AWR
17720	1730-1800	48	310200	145	218	1234567	NAU	250	AWR
11790	1900-1930	46W	320100	218	216	1234567	NAU	250	AWR
11800	1900-2000	37,38W	310100	210	216	1234567	NAU	125	AWR
11790	1930-2000	46S	320100	200	216	1234567	NAU	250	AWR
11885	1930-2000	46SE	RII02002	165	211	1234567	ISS	250	AWR
11955	1930-2000	37,38W	330100	210	216	1234567	NAU	100	AWR
9565	2000-2030	46E,47W	330100	186	216	1234567	NAU	250	AWR
9610	2000-2030	37,38W	320100	210	216	1234567	NAU	100	AWR
9770	2000-2030	46SW	RII02002	188	211	1234567	ISS	250	AWR
11790	2030-2100	46SE	RII02002	165	211	1234567	ISS	250	AWR

11945	0200-0230	41	1783	125	218	157	ERV	100	BVB
9550	0445-0515	39N	310100	120	216	1	NAU	125	BVB
9735	0500-0515	39,4	330100	120	216	6	NAU	250	BVB
11655	0600-0615	46N,47N,38W,37	340101	180	146	1234567	NAU	125	BVB
5945	0700-0730	27,28N	350100	260	156	1	NAU	100	BVB
21480	1200-1230	43S,44S	TM	45	157	7	MDC	125	BVB
21480	1230-1245	54	TM	85	157	1	MDC	125	BVB
15265	1400-1430	41 {1st Sat}	340200	102	218	7	NAU	250	BVB
15265	1430-1500	41	340200	102	218	7	NAU	250	BVB
15350	1500-1600	41NW	1101302	91	616	2467	SOF	100	BVB
15310	1600-1700	38S,39S,47,48	330200	148	218	7	NAU	100	BVB

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15310 1600-1730 38S,39S,47,48  330200  148 218 3       NAU 100 BVB
15310 1600-1800 38S,39S,47,48  330200  148 218 12      NAU 100 BVB
15350 1630-1700 47,48          320200  145 218 1234567 NAU 100 BVB
15310 1630-1730 38S,39S,47,48  330200  148 218 6       NAU 100 BVB
15310 1630-1730 38S,39S,47,48  330200  148 218 45      NAU 100 BVB
 9810 1700-1715 39                3    115 218 6       MOS 100 BVB
 9810 1700-1730 39                3    115 218 5       MOS 100 BVB
 9810 1700-1900 39                3    115 218 1       MOS 100 BVB
 9490 1710-1730 38E,39,40W     1100602 141 616 24      SOF 100 BVB
 9490 1710-1745 38E,39,40W     1100602 141 616 356     SOF 100 BVB
 9490 1715-1745 38E,39,40W     1100602 141 616 7       SOF 100 BVB
 6130 1730-1900 28,29          310101  100 146 1       NAU 100 BVB
 9810 1730-1900 39                3    115 218 7       MOS 100 BVB
 9610 1800-1830 39,4           320100  105 216 67      NAU 100 BVB
15310 1800-1830 38S,39S,47,48  330200  148 218 7       NAU 100 BVB
 9610 1800-1900 39,4           320100  105 216 5       NAU 100 BVB
 9635 1815-1830 39,4           320100  125 216 1       NAU 250 BVB
 9610 1830-1900 39,4           320100  105 216 13      NAU 100 BVB
 9635 1830-1915 39             310101  126 146 1       NAU 100 BVB

 7220 0500-0600 46,47         RII01001 167 216 1234567 ISS 100 DAK
11910 0600-0700 46,47         RII01001 167 216 1234567 ISS 100 DAK
11830 1800-2000 46,47         RII01003 167 206 1234567 ISS 100 DAK

11800 0630-0700 46,47W        RII01002 170 211 1234567 ISS 500 DWL
15195 1325-1530 46,47{-120518} RI01004 170 206 7       ISS 500 DWL
15275 1600-1700 48             RI01003 130 211 1234567 ISS 500 DWL
11800 1800-1900 46,47W        RII01001 170 216 1234567 ISS 500 DWL
15200 1800-1900 46,47W        RII01008 165 217 1234567 ISS 500 DWL

 6055 1030-1100 27,28          340101  222 146 17      NAU 125 EMG

 7410 0030-0130 40E,41NW       340100  100 216 1234567 NAU 250 GFA
15350 1230-1500 41             340200   89 218 1234567 NAU 250 GFA
15400 1330-1530 41NE,43S,49N   320200   85 218 1234567 NAU 250 GFA
15395 1530-1630 40E,41NW       310200   99 218 1234567 NAU 250 GFA
 7410 2330-0030 41NE,43S,49N   330100   85 216 1234567 NAU 250 GFA

13800 1530-1630 29S               3     95 218 7       MOS 100 HCJ

 7330 1000-1100 27,28 {firstSun}  6    283 805 1       MOS 100 JOY

 5960 0000-0200 2-4,6-10{-050518}      300 216 1       NAU 125 KBC
 5960 0000-0200 2-4,6-10{020918-}      300 216 1       NAU 125 KBC
 9925 0000-0200 2-4,6-10{060518-010918}300 216 1       NAU 125 KBC

11650 0700-0800 27N,28S        310101  230 146 1       NAU 125 KBC$
 6045 0800-0900 27E,28         310101  240 146 1       NAU 125 KBC$
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 6095 0800-1500 18SW,27,28,37N 350100  240 156 1       NAU 100 KBC$

15315 1830-1900 46S,47SE     HR4/4/0.5 170 216 1234567 ISS 500 LWF

 6140 0800-0900 27,28E            6    270 805 1       MOS 100 MVB$

13710 1200-1230 19-26          320200   60 218 7       NAU 250 MWF
 9680 1600-1630 29,3           1100301  30 556 7       SOF 250 MWF

 9490 0300-0500 38,39,40       330100  140 216 1234567 NAU 250 NHK
 [cf R. Rep˙blica via France? --- gh]
 5985 0400-0430 11,12            LPH   222 805 1234567 RMI 100 NHK
 6165 0430-0500 27,28          310101   85 146 1234567 NAU 125 NHK
 5975 0500-0530 27SE,28SW         4     ND 926 1234567 MOS 300 NHK
15445 1700-1900 38,39,40       340200  140 218 1234567 NAU 250 NHK

17630 1600-1630 47E,48       HR4/4/0.8 130 217 37      ISS 500 OGM

15205 1430-1445 41             330200   94 216 1       NAU 250 PAB
 9515 1930-2000 37,38          340101  155 146 1       NAU 250 PAB

 6045 0800-0900 27E,28         350100  233 156 1       NAU 100 RSH$

15420 1700-1730 38E,39S,48     350300  144 216 16      NAU 100 SBO
15420 1700-1800 38E,39S,48     350300  144 216 4       NAU 100 SBO

 5955 1200-1500 27E,28        RII01006  21 146 1234567 ISS 100 SFZ$

15420 1800-1859 48SW,52NE,53NE   TF    320 159 7       MDC 250 SJK

SORTED BY FREQUENCY, TIME, TX SITE.

 FREQ STARTSTOP CIRAF         TX/Ant#  AZI TYPE  DAYS  LOC POW BRC

 5945 0700-0730 27,28N         350100  260 156 1       NAU 100 BVB
 5955 1200-1500 27E,28        RII01006  21 146 1234567 ISS 100 SFZ$
 5960 0000-0200 2-4,6-10{020918-}      300 216 1       NAU 125 KBC
 5960 0000-0200 2-4,6-10{-050518}      300 216 1       NAU 125 KBC
 5975 0400-0430 28SE           310100  140 216 1234567 NAU 100 AWR
 5975 0500-0530 27SE,28SW         4     ND 926 1234567 MOS 300 NHK
 5985 0400-0430 11,12            LPH   222 805 1234567 RMI 100 NHK
 6045 0800-0900 27E,28         310101  240 146 1       NAU 125 KBC$
 6045 0800-0900 27E,28         350100  233 156 1       NAU 100 RSH$
 6055 1030-1100 27,28          340101  222 146 17      NAU 125 EMG
 6095 0800-1500 18SW,27,28,37N 350100  240 156 1       NAU 100 KBC$
 6130 1730-1900 28,29          310101  100 146 1       NAU 100 BVB
 6140 0800-0900 27,28E            6    270 805 1       MOS 100 MVB$
 6155 0430-0500 37,38W         330100  220 216 1234567 NAU 100 AWR
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 6165 0430-0500 27,28          310101   85 146 1234567 NAU 125 NHK

 7220 0500-0600 46,47         RII01001 167 216 1234567 ISS 100 DAK
 7220 0600-0630 46S?alternat S-18? 235 200 216 1234567 ISS 250 AWR ?
 7330 1000-1100 27,28 {firstSun}  6    283 805 1       MOS 100 JOY
 7410 0030-0130 40E,41NW       340100  100 216 1234567 NAU 250 GFA
 7410 2330-0030 41NE,43S,49N   330100   85 216 1234567 NAU 250 GFA

 9490 0300-0500 38,39,40       330100  140 216 1234567 NAU 250 NHK
 9490 1710-1730 38E,39,40W     1100602 141 616 24      SOF 100 BVB
 9490 1710-1745 38E,39,40W     1100602 141 616 356     SOF 100 BVB
 9490 1715-1745 38E,39,40W     1100602 141 616 7       SOF 100 BVB
 9515 1930-2000 37,38          340101  155 146 1       NAU 250 PAB
 9550 0445-0515 39N            310100  120 216 1       NAU 125 BVB
 9565 2000-2030 46E,47W        330100  186 216 1234567 NAU 250 AWR
 9580 1530-1600 41S            TAC_21  163 911 1234567 TAC 100 AWR
 9610 1800-1830 39,4           320100  105 216 67      NAU 100 BVB
 9610 1800-1900 39,4           320100  105 216 5       NAU 100 BVB
 9610 1830-1900 39,4           320100  105 216 13      NAU 100 BVB
 9610 2000-2030 37,38W         320100  210 216 1234567 NAU 100 AWR
 9635 1815-1830 39,4           320100  125 216 1       NAU 250 BVB
 9635 1830-1915 39             310101  126 146 1       NAU 100 BVB
 9655 0300-0330 48             330100  140 216 1234567 NAU 250 AWR
 9680 1600-1630 29,3           1100301  30 556 7       SOF 250 MWF
 9735 0500-0515 39,4           330100  120 216 6       NAU 250 BVB
 9770 2000-2030 46SW          RII02002 188 211 1234567 ISS 250 AWR
 9810 1700-1715 39                3    115 218 6       MOS 100 BVB
 9810 1700-1730 39                3    115 218 5       MOS 100 BVB
 9810 1700-1900 39                3    115 218 1       MOS 100 BVB
 9810 1730-1900 39                3    115 218 7       MOS 100 BVB
 9830 1600-1630 28SE           350300  135 216 1234567 NAU 125 AWR
 9925 0000-0200 2-4,6-10{060518-010918}300 216 1       NAU 125 KBC
 9955 1330-1400 41NE           TAC_02  131 418 14      TAC 100 AWR
 9955 1330-1400 54N            TAC_02  131 418 237     TAC 100 AWR
 9955 1330-1400 41NE           TAC_02  131 418 56      TAC 100 AWR

11650 0700-0800 27N,28S        310101  230 146 1       NAU 125 KBC$
11655 0600-0615 46N,47N,38W,37 340101  180 146 1234567 NAU 125 BVB
11755 1530-1600 41E            TAC_02  141 418 1234567 TAC 100 AWR
11790 1900-1930 46W            320100  218 216 1234567 NAU 250 AWR
11790 1930-2000 46S            320100  200 216 1234567 NAU 250 AWR
11790 2030-2100 46SE          RII02002 165 211 1234567 ISS 250 AWR
11800 0630-0700 46,47W        RII01002 170 211 1234567 ISS 500 DWL
11800 1800-1900 46,47W        RII01001 170 216 1234567 ISS 500 DWL
11800 1900-2000 37,38W         310100  210 216 1234567 NAU 125 AWR
11825 1330-1400 49E            DB_05a  118 416 1234567 DB  100 AWR
11830 1800-2000 46,47         RII01003 167 206 1234567 ISS 100 DAK
11880 0700-0730 46S                223 170 196 1234567 ISS 250 AWR
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11885 1930-2000 46SE          RII02002 165 211 1234567 ISS 250 AWR
11905 0900-1000 28W            330100  180 216 1       NAU 100 AWR
11910 0600-0700 46,47         RII01001 167 216 1234567 ISS 100 DAK
11945 0200-0230 41              1783   125 218 157     ERV 100 BVB
11950 1600-1630 41S            1101001 105 616 1234567 SOF 250 AWR
11955 1930-2000 37,38W         330100  210 216 1234567 NAU 100 AWR
12025 1530-1600 41W            TAC_10  186 910 1234567 TAC 100 AWR
12035 0600-0630 46S                203 162 196 1234567 ISS 250 AWR
12055 1300-1330 49NW           DB_05a  118 416 1234567 DB  100 AWR

13710 1200-1230 19-26          320200   60 218 7       NAU 250 MWF
13800 1530-1630 29S               3     95 218 7       MOS 100 HCJ

15165 1430-1500 49NW           TAC_03  121 418 1234567 TAC 100 AWR
15170 1730-1800 37,38W         320200  210 218 1234567 NAU 125 AWR
15195 1325-1530 46,47{-120518} RI01004 170 206 7       ISS 500 DWL
15200 1800-1900 46,47W        RII01008 165 217 1234567 ISS 500 DWL
15205 1430-1445 41             330200   94 216 1       NAU 250 PAB
15215 1530-1600 41N            340200   90 218 1234567 NAU 250 AWR
15225 0700-0800 37,38W         320200  210 218 1234567 NAU 100 AWR
15225 0800-0830 37,38W         330200  210 218 1234567 NAU 250 AWR
15225 0830-0900 37,38W         320200  210 218 1234567 NAU 100 AWR
15265 1400-1430 41  {1st Sat}  340200  102 218 7       NAU 250 BVB
15265 1430-1500 41             340200  102 218 7       NAU 250 BVB
15275 1600-1700 48             RI01003 130 211 1234567 ISS 500 DWL
15285 1330-1500 42,43W         310200   75 218 1234567 NAU 250 AWR
15310 1600-1700 38S,39S,47,48  330200  148 218 7       NAU 100 BVB
15310 1600-1730 38S,39S,47,48  330200  148 218 3       NAU 100 BVB
15310 1600-1800 38S,39S,47,48  330200  148 218 12      NAU 100 BVB
15310 1630-1730 38S,39S,47,48  330200  148 218 6       NAU 100 BVB
15310 1630-1730 38S,39S,47,48  330200  148 218 45      NAU 100 BVB
15310 1800-1830 38S,39S,47,48  330200  148 218 7       NAU 100 BVB
15315 1830-1900 46S,47SE     HR4/4/0.5 170 216 1234567 ISS 500 LWF
15350 1230-1500 41             340200   89 218 1234567 NAU 250 GFA
15350 1500-1600 41NW           1101302  91 616 2467    SOF 100 BVB
15350 1630-1700 47,48          320200  145 218 1234567 NAU 100 BVB
15395 1530-1630 40E,41NW       310200   99 218 1234567 NAU 250 GFA
15400 1330-1530 41NE,43S,49N   320200   85 218 1234567 NAU 250 GFA
15420 1700-1730 38E,39S,48     350300  144 216 16      NAU 100 SBO
15420 1700-1800 38E,39S,48     350300  144 216 4       NAU 100 SBO
15420 1800-1859 48SW,52NE,53NE   TF    320 159 7       MDC 250 SJK
15445 1700-1900 38,39,40       340200  140 218 1234567 NAU 250 NHK
15455 0600-0630 46S ?only J18? 320200  200 218 1234567 NAU 250 AWR ?
15490 1630-1700 48             330200  139 218 1234567 NAU 250 AWR
15590 1500-1530 41S            1101001 105 616 1234567 SOF 250 AWR
15605 1500-1530 41N            340200   87 218 1234567 NAU 125 AWR
15670 1530-1600 41N, 42S       310200   79 218 56      NAU 250 AWR
15670 1530-1600 41N, 42S       310200   79 218 12347   NAU 250 AWR
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17570 1630-1700 48            RII02008 122 217 1234567 ISS 250 AWR
17630 1600-1630 47E,48       HR4/4/0.8 130 217 37      ISS 500 OGM
17720 1630-1700 48             320200  141 218 1234567 NAU 250 AWR
17720 1730-1800 48             310200  145 218 1234567 NAU 250 AWR
17810 1300-1330 42,43W         310200   75 218 23456   NAU 250 AWR
17810 1300-1330 42,43W         310200   75 218 17      NAU 250 AWR

21480 1200-1230 43S,44S          TM     45 157 7       MDC 125 BVB
21480 1230-1245 54               TM     85 157 1       MDC 125 BVB

SORTED BY TIME, FREQUENCY, TX SITE.

 FREQ STARTSTOP CIRAF         TX/Ant#  AZI TYPE  DAYS  LOC POW BRC

 5960 0000-0200 2-4,6-10{-050518}      300 216 1       NAU 125 KBC
 5960 0000-0200 2-4,6-10{020918-}      300 216 1       NAU 125 KBC
 9925 0000-0200 2-4,6-10{060518-010918}300 216 1       NAU 125 KBC
 7410 0030-0130 40E,41NW       340100  100 216 1234567 NAU 250 GFA
11945 0200-0230 41              1783   125 218 157     ERV 100 BVB
 9655 0300-0330 48             330100  140 216 1234567 NAU 250 AWR
 9490 0300-0500 38,39,40       330100  140 216 1234567 NAU 250 NHK
 5975 0400-0430 28SE           310100  140 216 1234567 NAU 100 AWR
 5985 0400-0430 11,12            LPH   222 805 1234567 RMI 100 NHK
 6155 0430-0500 37,38W         330100  220 216 1234567 NAU 100 AWR
 6165 0430-0500 27,28          310101   85 146 1234567 NAU 125 NHK
 9550 0445-0515 39N            310100  120 216 1       NAU 125 BVB
 9735 0500-0515 39,4           330100  120 216 6       NAU 250 BVB
 5975 0500-0530 27SE,28SW         4     ND 926 1234567 MOS 300 NHK
 7220 0500-0600 46,47         RII01001 167 216 1234567 ISS 100 DAK

11655 0600-0615 46N,47N,38W,37 340101  180 146 1234567 NAU 125 BVB
 7220 0600-0630 46S?alternat S-18? 235 200 216 1234567 ISS 250 AWR ?
12035 0600-0630 46S                203 162 196 1234567 ISS 250 AWR
15455 0600-0630 46S ?only J18? 320200  200 218 1234567 NAU 250 AWR ?
11910 0600-0700 46,47         RII01001 167 216 1234567 ISS 100 DAK
11800 0630-0700 46,47W        RII01002 170 211 1234567 ISS 500 DWL
 5945 0700-0730 27,28N         350100  260 156 1       NAU 100 BVB
11880 0700-0730 46S                223 170 196 1234567 ISS 250 AWR
11650 0700-0800 27N,28S        310101  230 146 1       NAU 125 KBC$
15225 0700-0800 37,38W         320200  210 218 1234567 NAU 100 AWR
15225 0800-0830 37,38W         330200  210 218 1234567 NAU 250 AWR
 6045 0800-0900 27E,28         350100  233 156 1       NAU 100 RSH$
 6045 0800-0900 27E,28         310101  240 146 1       NAU 125 KBC$
 6140 0800-0900 27,28E            6    270 805 1       MOS 100 MVB$
 6095 0800-1500 18SW,27,28,37N 350100  240 156 1       NAU 100 KBC$
15225 0830-0900 37,38W         320200  210 218 1234567 NAU 100 AWR
11905 0900-1000 28W            330100  180 216 1       NAU 100 AWR
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 7330 1000-1100 27,28 {firstSun}  6    283 805 1       MOS 100 JOY
 6055 1030-1100 27,28          340101  222 146 17      NAU 125 EMG

13710 1200-1230 19-26          320200   60 218 7       NAU 250 MWF
21480 1200-1230 43S,44S          TM     45 157 7       MDC 125 BVB
 5955 1200-1500 27E,28        RII01006  21 146 1234567 ISS 100 SFZ$
21480 1230-1245 54               TM     85 157 1       MDC 125 BVB
15350 1230-1500 41             340200   89 218 1234567 NAU 250 GFA
12055 1300-1330 49NW           DB_05a  118 416 1234567 DB  100 AWR
17810 1300-1330 42,43W         310200   75 218 23456   NAU 250 AWR
17810 1300-1330 42,43W         310200   75 218 17      NAU 250 AWR
15195 1325-1530 46,47{-120518} RI01004 170 206 7       ISS 500 DWL
 9955 1330-1400 54N            TAC_02  131 418 237     TAC 100 AWR
 9955 1330-1400 41NE           TAC_02  131 418 14      TAC 100 AWR
 9955 1330-1400 41NE           TAC_02  131 418 56      TAC 100 AWR
11825 1330-1400 49E            DB_05a  118 416 1234567 DB  100 AWR
15285 1330-1500 42,43W         310200   75 218 1234567 NAU 250 AWR
15400 1330-1530 41NE,43S,49N   320200   85 218 1234567 NAU 250 GFA
15265 1400-1430 41  {1st Sat}  340200  102 218 7       NAU 250 BVB
15205 1430-1445 41             330200   94 216 1       NAU 250 PAB
15165 1430-1500 49NW           TAC_03  121 418 1234567 TAC 100 AWR
15265 1430-1500 41             340200  102 218 7       NAU 250 BVB
15590 1500-1530 41S            1101001 105 616 1234567 SOF 250 AWR
15605 1500-1530 41N            340200   87 218 1234567 NAU 125 AWR
15350 1500-1600 41NW           1101302  91 616 2467    SOF 100 BVB
 9580 1530-1600 41S            TAC_21  163 911 1234567 TAC 100 AWR
11755 1530-1600 41E            TAC_02  141 418 1234567 TAC 100 AWR
12025 1530-1600 41W            TAC_10  186 910 1234567 TAC 100 AWR
15215 1530-1600 41N            340200   90 218 1234567 NAU 250 AWR
15670 1530-1600 41N, 42S       310200   79 218 56      NAU 250 AWR
15670 1530-1600 41N, 42S       310200   79 218 12347   NAU 250 AWR
13800 1530-1630 29S               3     95 218 7       MOS 100 HCJ
15395 1530-1630 40E,41NW       310200   99 218 1234567 NAU 250 GFA
 9680 1600-1630 29,3           1100301  30 556 7       SOF 250 MWF
 9830 1600-1630 28SE           350300  135 216 1234567 NAU 125 AWR
11950 1600-1630 41S            1101001 105 616 1234567 SOF 250 AWR
17630 1600-1630 47E,48       HR4/4/0.8 130 217 37      ISS 500 OGM
15275 1600-1700 48             RI01003 130 211 1234567 ISS 500 DWL
15310 1600-1700 38S,39S,47,48  330200  148 218 7       NAU 100 BVB
15310 1600-1730 38S,39S,47,48  330200  148 218 3       NAU 100 BVB
15310 1600-1800 38S,39S,47,48  330200  148 218 12      NAU 100 BVB
15350 1630-1700 47,48          320200  145 218 1234567 NAU 100 BVB
15490 1630-1700 48             330200  139 218 1234567 NAU 250 AWR
17570 1630-1700 48            RII02008 122 217 1234567 ISS 250 AWR
17720 1630-1700 48             320200  141 218 1234567 NAU 250 AWR
15310 1630-1730 38S,39S,47,48  330200  148 218 45      NAU 100 BVB
15310 1630-1730 38S,39S,47,48  330200  148 218 6       NAU 100 BVB
 9810 1700-1715 39                3    115 218 6       MOS 100 BVB
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9810	1700-1730	39	3	115	218	5	MOS	100	BVB
15420	1700-1730	38E,39S,48	350300	144	216	16	NAU	100	SBO
15420	1700-1800	38E,39S,48	350300	144	216	4	NAU	100	SBO
9810	1700-1900	39	3	115	218	1	MOS	100	BVB
15445	1700-1900	38,39,40	340200	140	218	1234567	NAU	250	NHK
9490	1710-1730	38E,39,40W	1100602	141	616	24	SOF	100	BVB
9490	1710-1745	38E,39,40W	1100602	141	616	356	SOF	100	BVB
9490	1715-1745	38E,39,40W	1100602	141	616	7	SOF	100	BVB
15170	1730-1800	37,38W	320200	210	218	1234567	NAU	125	AWR
17720	1730-1800	48	310200	145	218	1234567	NAU	250	AWR
6130	1730-1900	28,29	310101	100	146	1	NAU	100	BVB
9810	1730-1900	39	3	115	218	7	MOS	100	BVB
9610	1800-1830	39,4	320100	105	216	67	NAU	100	BVB
15310	1800-1830	38S,39S,47,48	330200	148	218	7	NAU	100	BVB
15420	1800-1859	48SW,52NE,53NE	TF	320	159	7	MDC	250	SJK
9610	1800-1900	39,4	320100	105	216	5	NAU	100	BVB
11800	1800-1900	46,47W	RII01001	170	216	1234567	ISS	500	DWL
15200	1800-1900	46,47W	RII01008	165	217	1234567	ISS	500	DWL
11830	1800-2000	46,47	RII01003	167	206	1234567	ISS	100	DAK
9635	1815-1830	39,4	320100	125	216	1	NAU	250	BVB
9610	1830-1900	39,4	320100	105	216	13	NAU	100	BVB
15315	1830-1900	46S,47SE	HR4/4/0.5	170	216	1234567	ISS	500	LWF
9635	1830-1915	39	310101	126	146	1	NAU	100	BVB
11790	1900-1930	46W	320100	218	216	1234567	NAU	250	AWR
11800	1900-2000	37,38W	310100	210	216	1234567	NAU	125	AWR
9515	1930-2000	37,38	340101	155	146	1	NAU	250	PAB
11790	1930-2000	46S	320100	200	216	1234567	NAU	250	AWR
11885	1930-2000	46SE	RII02002	165	211	1234567	ISS	250	AWR
11955	1930-2000	37,38W	330100	210	216	1234567	NAU	100	AWR
9565	2000-2030	46E,47W	330100	186	216	1234567	NAU	250	AWR
9610	2000-2030	37,38W	320100	210	216	1234567	NAU	100	AWR
9770	2000-2030	46SW	RII02002	188	211	1234567	ISS	250	AWR
11790	2030-2100	46SE	RII02002	165	211	1234567	ISS	250	AWR
7410	2330-0030	41NE,43S,49N	330100	85	216	1234567	NAU	250	GFA

$ only via order ...

Day 1 = Sunday ... Day 7 = Saturday

List of Broadcasters using MEDIA BROADCAST technical equipment:

AWR Adventist World Radio
BVB High Adventure Gospel - Bible Voice Broadcasting
DAK Dandal Kura Radio International
DWL Deutsche Welle Bonn / Berlin, Germany
EMG Evangelische Missionsgemeinden in Deutschland
FPU Free Press Unlimited (former PNW Press Now HOL) [for Sudans]

GFA Gospel for Asia
HCJ Reach Beyond (former Voice of the Andes)
     Sats only, 1530 UT Russian, 1600 UT Chechen language.
JOY Radio Joystick, Germany, 1st Sun
KBC The Mighty KBC
LWF Lutheran World Federation
MBR MEDIA BROADCAST (former DTK)
MVB Mecklenburg-Vorpommern Baltic Radio
MWF Missionswerk Friedensstimme, Gummersbach - Germany
NHK Nippon Hoso Kyokai, Radio Japan World, Tokyo, Japan.
OGM MBR internal customer name:
     NGO [RHU Radio Huriyo Xoriyo Ogaden, ONLF]
     <http://en.wikipedia.org/wiki/Non-governmental_organization>
     <http://fr.wikipedia.org/wiki/Organisation_non_gouvernementale>
PAB Pan Am Broadcasting
RAD MBR internal customer name
RSH MBR internal customer name:
     formerly request
     Radio - Menschen & Geschichten (Shortwaveservice.com)
SBO Sagalee Bilisummaa Oromoo, Voice of Oromo Liberation. Berlin.
SFZ Studio 52
SJK MBR internal customer name:
     Radio Itahuka in Kirundi [sic] C/E Africa Burundi-Rwanda on Sats.

     Please send report to
     <QSL-Shortwave -at- media-broadcast.com>
     Veiled in MBR schedule.

Michael Puetz
MEDIA BROADCAST GmbH
Order Management & Backoffice
Erna-Scheffler-Strasse 1
51103 Cologne, Germany

Please send your inquiries and reception reports to:
E-Mail: <QSL-Shortwave -at- media-broadcast.com>
E-Mail: <info -at- media-broadcast.com>
Internet:
<http://www.media-broadcast.com/en/startpage/services/radio/short-wave-networks>

via
WORLDWIDE DX CLUB
Postfach 1214
61282 Bad Homburg
GERMANY

E-Mail: <mail -at- wwdxc.de>
Internet: <http://www.wwdxc.de>

(MBR Cologne Germany, March 25, 2018, .PDF format, via AGDX club Andreas Volk-Munich-D, extracted & reformatted by Michael Bethge wwdxc March 26, 2018, via Wolfgang B¸schel, DXLD)

FYI: the 7220 kHz AWR French entry to North Africa at 0600 UT is unsettled, wrong time stamp include given, maybe is an alternate fq from S-18 season - from September 2nd - 28 Oct 2018 to North Africa, Sahar, Sahel Zone? 73 wb

0600-0630 on 12035 ISS 250 kW / 162 deg to WeAf French AWR Eu/Af
0600-0630 on 15455 NAU 250 kW / 200 deg to WeAf French AWR Eu/Af
(Ivo Ivanov, DX LISTENING DIGEST)

** GUAM. KTWR GUAM A18

Language	UTC	Days	Frequency	Program
China				
Cantonese	1400-1430	Mon-Fri	9975	Thru the Bible
Mandarin	1030-1100	Mon-Fri	12120	Thru the Bible
Mandarin	1030-1100	Saturday	12120	The Word Today
Mandarin	1030-1100	Saturday	12120	Hope for Today, Macedonian Call
Mandarin	1315-1345	Mon-Fri	9975	Thru the Bible
Mandarin	1030-1100	Sunday	12120	The Word Today, Hope for Today
Mandarin	1130-1200	Sunday	9910	TLC, Macedonian Call
Mandarin	1100-1200	Mon-Fri	9910	Self Confrontation, DTA
Mongolian	1100-1115	Mon-Sun	9975	Son-Lift
Cantonese	1115-1130	Mon-Sun	12120	Son-Lift
Hakka	1130-1145	Mon-Sun	12120	Son-Lift
Mandarin	1145-1200	Mon-Sun	12120	Son-Lift
Nosu Yi	1200-1215	Mon-Fri	9975	Son-Lift
Mandarin	1200-1215	Sun	9910	Son-Lift
Mandarin	1230-1245	Mon-Fri	9900	Son-Lift
Mandarin	1215-1230	Mon-Fri	9900	God Remembers Them
Mandarin	1315-1345	Sunday	9975	Women of Hope
Mandarin	1315-1330	Saturday	9975	The Word Today
Mandarin	1315-1400	Mon-Fri	9975	Thru the Bible, A Word with You
Mandarin	1345-1350	Mon-Fri	9975	A Word with You
Nosu Yi	1215-1230	Mon-Sun	9975	Good News for the Yi
English	1100-1130	Sunday	9910	Unlimited Grace
Korea				

Korean	1345-1500	Mon-Fri	7510	YQFG, BR, TWR Seminary (LTS-Thu, WOH- Fri)
Korean	1500-1515	Mon-Fri	7510	Light and Life
Korean	1315-1345	Mon-Fri	7510	With You
Korean	1345-1515	Saturday	7510	Teachers Institute, Pray school, BSB & TTT
Korean	1345-1515	Sunday	7510	Sunday Service, TGT, HOD & Christian Faith
English	1315-1345	Saturday	7510	Unlimited Grace

Japan

Japanese	1215-1245	Sunday	7500	B Japan - Friendship Radio
Japanese	1130-1200	Saturday	9910	Leading the Way

South East Asia

English	1100-1105	Mon-Fri	11965	Reachng Your World
English	1105-1120	Mon-Fri	11965	Running to Win
English	1120-1135	Tues-Fri	11965	Grace Notes-Tue, SFT-Wed, BOL-Thur, HFT -Fri, RYW, RTW
English	1030-1100	Sunday	11965	Heart of Harvest
English	1100-1130	Sunday	11965	Unlimited Grace

South Pacific

English	1000-1015	Saturday	11995	Bread of Life
English	1000-1025	Mon-Fri	11995	Running to Win, RYW
English	1015-1045	Saturday	11995	Unlimited Grace

Indonesia

Madurese	1000-1030	Mon-Fri	11965	Thru the Bible
Sundanese	1030-1100	Mon-Fri	11965	Thru the Bible
English	1000-1030	Sunday	11965	Unlimited Grace
Indonesian	1030-1100	Sunday	11965	Women of Hope
Indonesian	1045-1100	Saturday	11965	News of Truth

Myanmar

Burmese	1200-1230	Mon-Fri	12040	Thru the Bible
Burmese	1200-1230	Saturday	12040	Macedonian Call, The Word Today
Burmese	1200-1245	Sunday	12040	Woman of Hope, Lifeword
S'gaw Karen	1230-1300	Mon-Fri	12040	Thru the Bible
S'gaw Karen	1245-1300	Sunday	12040	The Word Today

Vietnam

Vietnamese	1245-1315	Mon-Fri	9975	Thru the Bible

Vietnamese	1245-1315	Saturday	9975	Women of Hope
Vietnamese	1245-1300	Sunday	9975	The Word Today

South Asia

Kok Borok	1230-1300	Mon - Fri	12160	Thru the Bible
Kok Borok	1245-1300	Sunday	12160	Discipleship Hour
Dzongkha	1230-1245	Sat - Sun	11580	Words of Hope
Assamese	1200-1230	Mon - Fri	12160	Thru the Bible
English	1230-1300	Saturday	12160	Heart of Harvest

Programs :
YQFG = Your Quest for God
DTA = Discipleship Training on the Air
TLC = The Lords Challenge
RYW = Reaching Your World
SFT = Search for Truth
BOL = Bread of Life
HFT = Hope for Tomorrow
WWL = Wonderful Words of Life
LTS = Lets talk about something
WOH = Women of Hope
RTW = Running to Win
DTA = Discipleship Training on the Air
BSB = Bible School Basics
TTT = Truth in a Test Tube
TGT = The Gospel Train
HOD = History of Doctrine
CF = Christian Faith
BR = Bible Reading

Reception reports to : rphilyaw@twr.org
(via Alokesh Gupta, DX LISTENING DIGEST)

** GUINEA. GUIN…, 9650. Mar 25, 2018. 2135-2200, Radio GuinÈ, Conacri, em FrancÍs. M˙sica local; 2139 Locutor fala e apresenta um programa musical com melodias em ritmo semelhante ao caribenho, inclusive com algumas em lÌngua espanhola; 2144 ID-Conakri; Uma canÁ„o local; 2154 NotÌcias nacionais; ID. RG chegando muito bem aqui em Cabedelo, 45554 (DXer: JosÈ Ronaldo Xavier, Local da escuta: Cabedelo-PB, Brasil, Receptores: Sony SW100 & Tecsun S-2000, WOR iog via DXLD)

** INDIA. 2017-18 Annual Report of Ministry of Information & Broadcasting is available in:
http://mib.gov.in/sites/default/files/Annual%20Report_2017-18%20%28English%29.pdf
Yours sincerely, (Jose Jacob, VU2JOS, National Institute of Amateur Radio, Hyderabad, India, DX LISTENING DIGEST)

** INDIA. Summer A-18 changes of All India Radio from March 25
http://swldxbulgaria.blogspot.bg/2018/03/summer-18-changes-of-all-india-radio.html
(Ivo Ivanov, SWLDXBulgaria News, March 24-25, WOR iog via DXLD)

A 18 Changes to All India Radio (Timings in UTC)

External Services
0015-0430 Urdu 6140(A) ex 6145
0100-0200 Sindhi 9620(Kh) ex 5990
0230-0300 Hindi/English 9800(B) New
0700-0800 Nepali 9950(Ki) ex 9940
0830-1130 Urdu 6140(A) ex 6145
1115-1215 Tamil delete 9810(P)
1130-1140 Hindi/English 6140(A) ex 6145 HS
1215-1245 Telugu delete 9810(P)
1515-1600 Gujarati delete 15175(P)
1615-1715 Russian delete 9595(Kh)
1615-1730 Hindi delete 7505(P)
1745-1945 English 9910(B) ex 17670, delete 9950(Kh)
1945-2045 Hindi delete 9950(Kh)
2045-2230 English 13750(B) ex 11620, delete 9950(Kh)
2245-0045 English delete 9705(P)

For latest updated schedules please check in the links given below:
A18 External Service Time Wise:
http:/qsl.net/vu2jos/es/time.htm
A18 External Service Language Wise:
http://qsl.net/vu2jos/es/Language.htm
A18 Complete SW service in Frequency order:
http://qsl.net/vu2jos/sw/freq.htm

Yours sincerely, (Jose Jacob, VU2JOS, National Institute of Amateur
Radio, Hyderabad, India, Mobile: +91 94416 96043,
http://www.qsl.net/vu2jos WORLD OF RADIO 1923, DX LISTENING DIGEST)

AIR External Service Latest Change
9620 0830-1130 Aligarh (ex 6145)
Thanks to Alok Das Gupta for the info
Yours sincerely, (Jose Jacob, VU2JOS, March 25, dx_india yg via DXLD)

** INDIA. 4970, AIR Shillong, 1237, March 25. The Sunday "Country
Roads" show; this week the usual YL DJ was back again,
after last week's substitute OM DJ; Kenny Rogers "Lady," etc.; almost
fair (Ron Howard, Asilomar State Beach, CA, EtÛn E1,
antenna: 100' long wire, WOR iog via DXLD)

** INDIA [non]. TWR INDIA A18

STRT	STOP	FREQ	LOC	CIR	PWR	AZI	SLEW	ANT	Su	M	Tu	W	Th	F	Sa	LANGUAGE
0045	0115	7465	GRI	41	300	98	0	2/4/0.5		M	Tu	W	Th	F		HINDI
0115	0130	7465	GRI	41	300	98	0	2/4/0.5			Tu					HINDI
0115	0130	7465	GRI	41	300	98	0	2/4/0.5				W				DZONKHA
0115	0130	7465	GRI	41	300	98	0	2/4/0.5		M						NEPALI
0115	0130	7465	GRI	41	300	98	0	2/4/0.5					Th	F		TIBETAN
1345	1400	12160	TAC	41	100	131	10	2/4/0.5	Su							KURUKH
1345	1400	12160	TAC	41	100	131	10	2/4/0.5		M	Tu	W				MARWARI
1345	1400	12160	TAC	41	100	131	10	2/4/0.5					Th	F		MAWACHI
1345	1400	12160	TAC	41	100	131	10	2/4/0.5							Sa	CHODHRI
1400	1415	12160		41	100	131	10	2/4/0.5	Su							GAMIT
1400	1430	12160		41	100	131	10	2/4/0.5		M	Tu	W	Th	F		SINDHI
1400	1430	12160		41	100	131	10	2/4/0.5							Sa	GAMIT
1415	1430	12160		41	100	131	10	2/4/0.5	Su							DHODIA
1430	1445	12160	GRI	41	300	98	0	2/4/0.5		M						BHILI
1430	1445	12160	GRI	41	300	98	0	2/4/0.5			Tu					GUJARATI
1430	1445	12160	GRI	41	300	98	0	2/4/0.5				W	Th	F		VASAVI
1445	1545	12160	GRI	41	300	98	0	2/4/0.5		M	Tu	W	Th	F		PUNJABI
1600	1630	9610	GRI	41	300	98	0	2/4/0.5	Su	M	Tu	W	Th	F	Sa	URDU
1245	1300	9910	ERV	41	300	100	0	8/8/1	Su							SANTHALI
1245	1300	9910	ERV	41	300	100	0	8/8/1							Sa	KUI
1245	1300	9910	ERV	41	300	100	0	8/8/1		M	Tu					MUNDARI
1245	1300	9910	ERV	41	300	100	0	8/8/1				W	Th	F		KURUKH
1300	1315	9910	ERV	41	300	100	0	8/8/1	Su							BONDO
1300	1315	9910	ERV	41	300	100	0	8/8/1		M						KHARIA
1300	1315	9910	ERV	41	300	100	0	8/8/1			Tu					SADRI
1300	1315	9910	ERV	41	300	100	0	8/8/1				W				MAITHILI
1300	1315	9910	ERV	41	300	100	0	8/8/1					Th	F		MAGHAI
1300	1315	9910	ERV	41	300	100	0	8/8/1							Sa	HO
1315	1330	9910	ERV	41	300	100	0	8/8/1	Su							SURGUJIA
1315	1330	9910	ERV	41	300	100	0	8/8/1							Sa	BENGALI
1315	1345	9910	ERV	41	300	100	0	8/8/1		M	Tu	W	Th	F		MAITHILI
1330	1345	9910	ERV	41	300	100	0	8/8/1	Su							BRAJBHASHA
1330	1345	9910	ERV	41	300	100	0	8/8/1							Sa	BUNDELI
1345	1400	9910	ERV	41	300	100	0	8/8/1	Su		Tu	W	Th	F	Sa	HINDI
1345	1400	9910	ERV	41	300	100	0	8/8/1		M						AWADHI
1400	1430	9910	ERV	41	300	100	0	8/8/1	Su							PUNJABI
1400	1430	9910	ERV	41	300	100	0	8/8/1		M	Tu	W	Th	F		BHOJPURI
1400	1430	9910	ERV	41	300	100	0	8/8/1							Sa	HINDI
1430	1445	9910	ERV	41	300	100	0	8/8/1	Su							MEWARI
1430	1445	9910	ERV	41	300	100	0	8/8/1		M	Tu	W	Th	F		HINDI
1430	1445	9910	ERV	41	300	100	0	8/8/1							Sa	HARYANVI
1300	1315	9330	ERV	41	300	100	0	4/4/1		M	Tu	W	Th	F	Sa	ENGLISH
1315	1330	9330	ERV	41	300	100	0	4/4/1	Su							TELUGU
1315	1345	9330	ERV	41	300	100	0	4/4/1		M	Tu	W	Th	F	Sa	HINDI
1330	1345	9330	ERV	41	300	100	0	4/4/1	Su							HINDI
1345	1400	9330	ERV	41	300	100	0	4/4/1	Su						Sa	KASHMIRI

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1345 1400 9330  ERV 41 300 100 0  4/4/1      M Tu W Th F    DOGRI
1400 1430 9330  ERV 41 300 100 0  4/4/1   Su             Sa HINDI
1400 1415 9330  ERV 41 300 100 0  4/4/1      M Tu W Th F    GARHWALI
1415 1435 9330  ERV 41 300 100 0  4/4/1      M Tu W Th F    HINDI
1430 1445 9330  ERV 41 300 100 0  4/4/1                  Sa ENGLISH
1435 1450 9330  ERV 41 300 100 0  4/4/1      M Tu W Th F    ENGLISH
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Reception reports to : info@twr.asia OR at:
http://www.twr.asia/online-qsl-form
(via Alokesh Gupta, March 26, DXLD)

** INDONESIA. 3325 & 9526v: see BOUGAINVILLE [and non]

** INTERNATIONAL VACUUM. International Space Station --- ISS live
http://iss.stormway.ru/en/

A live broadcast from the International Space Station includes internal surveys, when the crew performs official duties, as well as external surveys. Video accompanies negotiations between the crew of the station and the Mission Control Center. Broadcasting is conducted only when communicating with the Earth, during the loss of the signal a blue screen is displayed.

When the space station is in the shadow area of the Earth, the outer camera can display a black screen, but sometimes you can watch exciting views of night cities or lightning.

The ISS is flying at an altitude of about 400 km (250 miles) at a speed of 28,800 km / h (17,500 mph). The complete revolution around the Earth station commits in 90 minutes, that is, sunsets and sunrises can be observed every 45 minutes.
https://vk.com/club3877182

In English about the ISS. International Space Station.
https://www.nasa.gov/multimedia/nasatv/#iss
http://www.ustream.tv/channel/iss-hdev-payload
(Dmitry Elagin, Saratov, Russia / "deneb-radio-dx")
(via Rus-DX 25 March via DXLD)

** INTERNATIONAL WATERS [non]. Radio Caroline Returns to Its Roots
Radio World 26 March 2018

Interesting article today by Dr. Lawrie Hallett who lectures at the University of Bedfordshire and reports on the industry for Radio World from Norwich. Good industry PR for The Lady, although purists might have comments.
https://www.radioworld.com/news-and-business/radio-caroline-returns-to-its-roots
(Mike Terry, WOR iog via DXLD)

** IRAN. Checking the full HFCC A18 schedule for IRIB, the only English broadcasts are:
9540 1520-1620 Sirjan 102 degrees 500 kW

9800 1920-2020 Sirjan 216 degrees 500 kW
9810 1920-2020 Sirjan 310 degrees 500 kW ñ best for us
(Glenn Hauser, OK, WORLD OF RADIO 1923, DX LISTENING DIGEST)

7410.005, IRIB Sirjan Arabic sce to Saudi Peninsula, S=9+45dB powerful broadband 7401.1 to 7419.4 kHz at 0428 UT. Morning 0400-0440 UT log March 25, stations noted on remote SDR unit at Doha Qatar, Middle East [selected SDR options, span 12.5 kHz RBW 15.3 Hertz] (Wolfgang B¸schel, df5sx, wwdxc BC-DX TopNews March 25, dxldyg via DX LISTENING DIGEST)

** ITALY. 1888.0 kHz, 2206-... 21/3, Civitavecchia R, Civitavecchia, Navig. warnings. 25342 CGS
1925.0 kHz, 2208-... 21/3, Porto Torres R, Porto Torres. Navig. warnings. 35343 CGS
2628.0 kHz, 2147-... 18/3, Augusta R, Augusta. Navig. warnings. 25342
(Carlos GonÁalves, SW coast of Portugal, JRC NRD-545DSP, PERSEUS & DRAKE R-E; Advanced Receiver amp.; raised, 4 loop K9AY, 30 m 180∫/0∫ mini-Bev., 80 m 300∫/120∫ Bev., 200 m 270∫/90∫ Bev., 270 m 145∫/325∫ Bev., 300 m 225∫/45∫ Beverage, radioescutas ug via DXLD)

** ITALY [non]. IBC - ITALIAN BROADCASTING CORPORATION
http://www.ibcradio.webs.com

Today on 5845 kHz with 100 kW from Gavar (Armenia) we are as every Wednesday in Italian from 19 to 20 UT and in English from 20 to 2030 UT with "Italian Shortwave Panorama" and "425 Dx News"; last 5 minutes are with "IBC DIGITAL" in MFSK32 (1500 Hz).

FROM NEXT WEEK WE WILL BE AT THE SAME UTC TIME, ON 5845 KHZ AND ALSO 6070 KHZ.

The broadcast from Gavar can be heard also in Middle East, Asia and Oceania. You can send your reports to ibc@europe.com. We wait also for your posts on FB and TW using #RADIOIBC Good listening!

ENGLISH
TO EUROPE/MIDDLE EAST/ASIA/OCEANIA
WEDNESDAY 20-2030 UT 5845 kHz (also 6070 kHz from 28/3)
SUNDAY   1130-12 UT 6070 kHz [Germany]

TO THE AMERICAS [all WRMI frequencies, don`t you know?]
TUESDAY   01-0130 UT 5950 + 7780 kHz

FRIDAY 01-0130 UT 9955 kHz
FRIDAY 0230-03 UT 5985 kHz
SATURDAY 0030-01 UT 9395 kHz
SATURDAY 0130-02 UT 5850 + 5950 + 7780 + 9455 kHz
SUNDAY 0030-01 UT 7730 kHz

Daily streaming on
http://hr.77400.fm
(user: IBC password: 123456) at 14-1430 UT in English (13-14 UT in Italian) (via Saverio Masetti on Facebook today)
(via Alan Pennington, March 21, bdxc-news iog via DXLD)

ARMENIA, Reception of IBC Radio via CJSC Yerevan-Gavar, March 21
1900-2000 on 5845 ERV 100 kW / 305 deg to WeEu Italian Wed, very good
2000-2030 on 5845 ERV 100 kW / 305 deg to WeEu English Wed, very good
Same time and frequency from March 28, plus addit.6070 via Channel 292
http://swldxbulgaria.blogspot.bg/2018/03/reception-of-ibc-radio-via-cjsc-yerevan.html
(Ivo Ivanov, SWLDXBulgaria News, March 21-22, WOR iog via DXLD)

** JAPAN [non]. NHK Radio Japan English, per HFCC A-18:
0500-0530 5975 ND Austria
           9710 184 Vatican
           9860 184 Vatican [both??]
          11970 155 France
1100-1130 11695   0 Singapore [meaning north as opposed to ND?]
1400-1430 11705 270 Palau
          11935 163 Uzbekistan
(Glenn Hauser, OK, DX LISTENING DIGEST)

15130, March 22 at 2052, poor S1-S2 YL in Japanese, something new? Hadn`t noticed before but HFCC shows NHK via FRANCE has been here all B-17 season, 1900-2100, 500 kW, 152 degrees from ISSoudun. And it`s still on the A-18 schedule (Glenn Hauser, OK, DX LISTENING DIGEST)

11705, March 25 at 1412, English conversation from Radio Japan, which was going to change its name, poor via PALAU, but incomparably better here than // 11935 Tashkent. Meanwhile, more English SW broadcasts have been deleted, leaving only these for A-18, I extracted from HFCC:
0500-0530 5975 ND Austria
           9710 184 Vatican [must be alternate to 9860]
           9860 184 Vatican
          11970 155 France
1100-1130 11695   0 Singapore [meaning north as opposed to ND?]
1400-1430 11705 270 Palau
          11935 163 Uzbekistan

And per Alan Roe, March 25, WOR iog: ``R Japan (now announced as

"Radio Japan of the NHK World Japan Network") heard at 0500 UT on 5975 kHz confirming A-18 frequencies in line with new published sked on https://www3.nhk.or.jp/nhkworld/resources/brochure/pdf/rj_frequency.pdf

0500-0530: 5975-Austria, 9860-Vatican, 11970-France
1100-1130: 11695-Singapore
1400-1430: 11705-Palau, 11935-Uzbekistan``
(Glenn Hauser, OK, WORLD OF RADIO 1923, DX LISTENING DIGEST)

NHK World R. Japan via Moosbrunn/SM di Galeria Mar 27
0500-0530 5975 MOS 300 kW / non-dir WeEu English, very good signal
0500-0530 9860 SMG 250 kW / 184 deg WeAf English, weak/fair signal
0500-0530 11970 ISS 500 kW / 155 deg SoAf English totaly blocked at same time 11970 KBD 250 kW / 100 deg SoAs English R Kuwait DRM mode
http://swldxbulgaria.blogspot.bg/2018/03/nhk-world-radio-japan-via-moosbrunsm-di.html
(Ivo Ivanov, SWLDXBulgaria News, March 26-27, WOR iog via DXLD)

17540, March 26 at 2147, no signal from R. Japan in Portuguese via WHRI, which is still registered in A-18 HFCC as well as B-17. It used to provide quite a good signal when hardly anything else was to be heard on this band. On March 20, JRX in Brasil reported that they announced that the 2130 transmission would be terminated March 25 but one Portuguese broadcast would remain at 0900 on 6195 WHRI (Glenn Hauser, OK, DX LISTENING DIGEST)

Hello, I noticed that the [R. Japan] Arabic section transmission on 11975 kHz from 0600 UT is having a severe QRM from the DRM transmission of Radio Kuwait on 11970 kHz. I have contacted them [which?] and they promised to work on solving that QRM problem. Best 73 (Tarek Zeidan, Cairo, Egypt, March 26, WOR iog via WORLD OF RADIO 1923, DX LISTENING DIGEST)

** KIRITIMATI. 846, March 21 at 0624, JBA carrier from presumed R. Kiribati. I then undertake a TA JBA MW carrier search and find a few others, but 846 is *not* a significant European frequency; per WRTH, in fact nothing more than 1 kW in Ireland, Italy (tho there are medium-powers in South Africa, Saudi Arabia, UAE, Iran).

846, March 23 at 0555, JBA carrier from presumed R. Kiribati, not Europe. See also UNIDENTIFIEDs for TA carrier search which ensued and later, TP.

846, March 25 at 0617, JBA carrier from presumed R. Kiribati (at 0618, WWV reports K index of 4, G1 storms expected). Confident that this split is not European, but I start a 9 kHz bandscan at 0619, hearing only the 531 JBA carrier before falling asleep (Glenn Hauser, OK, DX LISTENING DIGEST)

Glenn, I suggest trying around their sunset as I've observed a peak then and some weakening later. Last night from about 0450-7 this was almost audible, but nothing could get past awful KOA slop that I could be sure was audio. I was often able to hold synch lock on the Perseus and the carrier was strong enough to provide some audio as I've observed some from low band DU's with even less signal. One issue here is that the last I read was that they s/off at 0907 or so, so no chance to log them at my sunrise. So the chase for a new country continues for me. 73 KAZ Barrington IL (Neil Kazaross, Perseus and DKAZ aimed due west, March 25, ABDX yg via DXLD)

** KOREA NORTH. A-18 Transmission Schedule of the Voice of Korea, Pyongyang, DPR Korea
valid from Sunday, 25 March Juche 107 (2018)
last modified: 25 March Juche 107 (2018), Version: 1

Arabic

1530 9890 11645	Near & Middle East; North Africa
1730 9890 11645	Near & Middle East; North Africa

Chinese

0330 13650 15105	Southeast Asia
0530 7220 9445 9730	Northeast China
0630 13650 15105	Southeast Asia
0830 7220 9445	Northeast China
1130 7220 9445	Northeast China
1330 11735 13650	Southeast Asia
2130 7235 9445	Northeast China
2130 9875 11635	China
2230 7235 9445	Northeast China
2230 9875 11635	China

German

1630 9425 12015	Europe
1830 9425 12015	Europe
1930 9425 12015	Europe

English

0430 7220 9445 9730	Northeast Asia
0430 11735 13760 15180	Central & South America
0530 13650 15105	Southeast Asia
0630 7220 9445 9730	Northeast Asia
1030 11710 15180	Central & South America
1030 11735 13650	Southeast Asia
1330 9435 11710	North America
1330 13760 15245	Western Europe
1530 9435 11710	North America

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1530 13760 15245       Western Europe
1630 9890 11645        Near & Middle East; North Africa
1830 13760 15245       Western Europe
1930 7210 11910        South Africa
1930 9875 11635        Near & Middle East; North Africa
2130 13760 15245       Western Europe

French
0430 13650 15105       Southeast Asia
0630 11735 13760 15180 Central & South America
1130 11710 15180       Central & South America
1130 11735 13650       Southeast Asia
1430 9435 11710        North America
1430 13760 15245       Western Europe
1630 9435 11710        North America
1630 13760 15245       Western Europe
1830 7210 11910        South Africa
1830 9875 11635        Near & Middle East; North Africa
2030 13760 15245       Western Europe

Japanese
0730 621 *3250 9650 11865      Japan
0830 621 *3250 9650 11865      Japan
0930 621 *3250 6070 9650 11865 Japan
1030 621 *3250 6070 9650 11865 Japan
1130 621 *3250 6070 9650 11865 Japan
1230 621 *3250 6070 9650 11865 Japan
2130 621 *3250 9650 11865      Japan
2230 621 *3250 9650 11865      Japan
2330 621 *3250 9650 11865      Japan

Korean
0330 (PBS)* *7220 *9445 *9730  Northeast China
0730 (PBS)* *7220 *9445        Northeast China
0930 (KCBS) 7220 9445          Northeast China
0930 (PBS)* *9875 *11735       Far Eastern Russia
0930 (PBS)* *13760 *15245      Europe
1030 (PBS)* *7220 *9445        Northeast China
1230 (KCBS) 11710 15180        Central & South America
1230 (KCBS) 11735 13650        Southeast Asia
1230 (PBS)* *7220 *9445        Northeast China
1330 (PBS)* *9425 *12015       Europe
1430 (KCBS) 11735 13650        Southeast Asia
1730 (KCBS) 9435 11710         North America
1730 (KCBS) 13760 15245        Western Europe
2030 (KCBS) 7210 11910         South Africa
2030 (KCBS) 9425 12015         Europe
2030 (KCBS) 9875 11635         Near & Middle East; North Africa
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2330 (KCBS)	7235 9445	Northeast China
2330 (KCBS)	9875 11635	China
2330 (KCBS)	13760 15245	Western Europe

Russian

0730	9875 11735	Far Eastern Russia
0730	13760 15245	Europe
0830	9875 11735	Far Eastern Russia
0830	13760 15245	Europe
1430	9425 12015	Europe
1530	9425 12015	Europe
1730	9425 12015	Europe

Spanish

0330	11735 13760 15180	Central & South America
0530	11735 13760 15180	Central & South America
1930	13760 15245	Western Europe
2230	13760 15245	Western Europe

All times in UT, all frequencies in kHz, subject to change at short notice. Programmes last 47 to 57 minutes. Changes to last yearís schedule are highlighted in red [in original, not much]
Data based on announcements, schedules of the Voice of Korea and own monitoring. http://www.vok.rep.kp * = currently inactive
KCBS = Korean Central Broadcasting Station (Choson Jungang Pangsong)
PBS* = Pyongyang Broadcasting Station (Pyongyang Pangsong) remained silent since their website http://www.gnu.rep.kp appeared
Please feel free to publish this schedule by mentioning the source:
(Mr Arnulf Piontek, Berlin, Germany, THANK YOU! DX LISTENING DIGEST)

** KOREA NORTH [and non]. 5935, JAPAN (opposition), Shiokaze/Sea Breeze at 1345, W in Korean over soundbed of piano music, music bridge, then another W in Japanese. Signal mixing with DPRK jammer. VG Mar. 23

5935, unidentified North Korean jammer at 1300, with no sign of Shiokaze this morning. Have they left this frequency? I did some dial scanning was unable to detect them on a new frequency. Mar. 25 (Rick Barton, Logs from Central Arizona, Grundig Satellit, RS SW-2000629, and HQ-180A with various outdoor wires. 73 and Good Listening....! WOR iog via DXLD)

Hello Glenn, I have a few logs to drop in later. Of particular interest, Shiokaze/Sea Breeze has evidently moved to 6040 from 5935. The PRC [?] was still jamming 5935 this morning. 73 (Rick in AZ Barton, March 26, WORLD OF RADIO 1923, DX LISTENING DIGEST)

Back to former alternate 6040 (ex: 5935), Shiokaze/Sea Breeze, via

Yamata (Japan), at 1316, on March 26. In Japanese; fair-good, as the N. Korea jamming was still down on ex 5935 (along with Tibet). Also heard today by Rick Barton (thanks Rick!). Will take N. Korea a few days to note the change and start jamming 6040 (Ron Howard, Asilomar State Beach, CA, EtÛn E1, antenna: 100' long wire, WOR iog via WORLD OF RADIO 1923, DXLD)

** KOREA NORTH [non]. TAIWAN, Summer A-18 frequency changes of Furusato no Kaze and Nippon no Kaze
1330-1400 9455*TSH 300 kW / 352 deg Japanese Furusato no Kaze, ex 9900
1500-1530 9685 TSH 300 kW / 002 deg Korean Nippon no Kaze, ex 9900
*bad frequency choice: till 1345UT on same frequency is Bangladesh Betar in Nepali [AND WRMI! - gh]
http://swldxbulgaria.blogspot.bg/2018/03/summer-18-frequency-changes-of-furusato.html
(Ivo Ivanov, SWLDXBulgaria News, March 21-22, WOR iog via DXLD)

** KOREA SOUTH. Voice of Freedom program on 5920v seemingly stopped 'move' on March 18 - 20.

5917.604 1/2 kHz measured on remote SDR unit at Seoul, S Korea, on March 21 at 0050 UT, S=9+15dB signal strength. Light music noted. Similar S=9 strength noted at remote Perseus units at Nagoya and Okayama, Japan.

Underneath BUBBLE JAMMING signal from D.P.R. Korea (North) slightly odd frequency upwards measured on 5918.323 kHz, S=7-8dB or -82 ... -88dBm signal noted in remote SDR unit at Seoul, Rep. of Korea (South). (wb df5sx, wwdxc BC-DX TopNews March 21)

5917.605 kHz measured on remote SDR unit at Seoul, S Korea, on March 23 at 00.40 UT, S=9+15dB signal strength. Light music noted. Similar S=9 strength noted at remote Perseus units at Nagoya and Okayama, Japan.

Underneath BUBBLE JAMMING signal from D.P.R. Korea (North) slightly odd frequencies upwards measured on both 5917.597_1/2 and 5918.328 kHz, S=9 dB signal noted in remote SDR unit at Seoul, Rep. of Korea (South). (wb df5sx, wwdxc BC-DX TopNews March 23)

5917.605 kHz measured on remote SDR unit at various remote SDR posts in Hiroshima, Nagoya, Okayama, and also at Seoul SKorea, on March 24 at 2045-2055 UT, S=9+15dB signal strength. Empty carrier, no audio heard. No jamming at all on channel (Wolfgang B¸schel, df5sx, wwdxc BC-DX TopNews March 24, dxldyg via DXLD)

5917.6, Voice of Freedom, 0957, March 25. Strong signal with the usual light jamming; still heard at my last

check at 1315, again with fair reception and jamming. As Wolfie has
been reporting, they finally stopped drifting downward and
seem to have settled on this frequency, which still causes QRM for
5915 (Ron Howard, Asilomar State Beach, CA, EtÛn E1, antenna: 100'
long wire, WOR iog via DXLD)

5917.561, March 26 at 1313, music at S3-S5, Voice of Freedom on its
favorite split frequency; not bad for only 10 kW non-direxional. It`s
now squeezed in between Japan and China, just like it is
geographically (Glenn Hauser, OK, DX LISTENING DIGEST)

Voice of Freedom program on 5920v seemingly moved again on 'drift
downwards' slightly on March 25 - 27.

5917.490 {ex .605} kHz measured on remote SDR unit at various remote
SDR posts in Seoul-KOR, Hiroshima, Nagoya, Okayama, and also
north of Tokyo site, Japan, on March 27 at 0827 UT, S=9+5dB daytime
signal strength. Empty carrier, no VoF audio program on air.
[WORLD OF RADIO 1923]

Nearly same strength BUBBLE DITTER JAMMING signal from D.P.R. Korea
(North) on odd frequency upwards measured on 5918.317 kHz main string,
S=9+5 signal at 0824 UT. Visible were 15 x bubble strings in frequency
range 5906 - 5937 kHz. Apart frequency distance: 1685 Hertz tone each
separate (Wolfgang B¸schel, df5sx, wwdxc BC-DX TopNews March 27,
dxldyg via DX LISTENING DIGEST)

** KOREA SOUTH & NORTH. Also some signals noted in 49 mb at 0820 to
0840 UT on March 27:

5739-5810 kHz strong OTHR signal heard and visible.

5857.515, HLL8 Seoul Meteo, endless ID call spoken by female,
distorted bad audio, smallband, S=9+25dB at 08.33 UT on March 27.

Broadband scratching distorted jamming from Korea D.P.R. on 5995,
6003, 6015 kHz each S=9+45dB powerhouse signal. 0837 UT.

6099.997 KRE Korea D.P.R, KCBS Pyongyang classical music program,
only lower sideband + carrier CLSB mode ! Violin music at 0820 UT on
March 27, S=9+25dB strength in remote SDR Seoul KOR installation
(Wolfgang B¸schel, ibid.)

** KOREA SOUTH. 5995. ECHO OF HOPE. Marzo 16. 1117-1131 UT. M˙sica
pop, conversaciÛn en coreano y luego cortinas musicales para volver a
una conversaciÛn. SINPO: 45444 desde las 1118, no existe jammer desde
Corea del Norte // 6350 SINPO: 45433, sin jammer. Comentario: tanto el
jammer como las frecuencias de V. Of Korea se encontraron silenciadas

durante 25 minutos (Claudio Galaz, RX: Tecsun PL 660; ANT: Dipolo; QTH: Ovalle, IV RegiÛn, Chile, HCDX via DXLD)

** KOREA SOUTH. 6015, KBS Hanminjok Bangsong 1, at 1012, March 21. Mostly in Korean; series of three nice IDs; first by native speaker of English, second in Korean and third in English by the host of the program (Kwak Young Il) - "Now you are listening to KBS, Pop's Freedom"; pop songs (100 Proof Aged In Soul "Somebody's Been Sleeping," etc.); "KBS" & "Pop's Freedom" IDs, then into "Everyday English"; "Tell your parents we miss them so," "What do you miss the most?", "My mother's home cooking," etc.; fairly readable due to the normal strong N. Korea white noise jamming not being on at this time, instead heard with a pulsating noise. Website in Korean - http://goo.gl/ihRfFe
(Ron Howard, Asilomar State Beach, CA, EtÛn E1, antenna: 100' long wire, WOR iog via DXLD)

** KOREA SOUTH [non]. USA. 9605. KBS. Marzo 15. 0140-0159 UT. CanciÛn sobre la primavera, luego el segmento: ìCoreano en dramaî con la expresiÛn: ìNo hay ning˙n problemaî. A las 0145 se emite: ìAl son de Coreaî con una canciÛn de tem·tica triste, luego se habla de un instrumento parecido a un arpa que proviene de la influencia China y, a posterior, se emite una pieza instrumental. Luego, se emite una pieza contempor·nea escrita para aquel instrumento. SINPO: 55555
(Claudio Galaz, RX: Tecsun PL 660; ANT: Dipolo; QTH: Ovalle, IV RegiÛn, Chile, HCDX via DXLD)

** KOREA SOUTH [and non]. KBS WORLD RADIO A18
   Effective 25th March 2018

Lang	Time (UTC)		Freq(kHz)
Europe			
Korean 1	1600	1800	7275
Korean 1	1700	1900	9515
Korean 2	0700	0800	9860
Russian	1300	1400	9645
Russian	1800	1900	12065
English 3	1500	1700	9515
English 4	2200	2300	11810
English 5	2100	2130	WRN
English 5	1330	1400	WRN
French	1900	2000	6145
German	2000	2100	3955
Spanish	1800	1900	9740
North America			
Korean 2	1400	1500	15575

English 4	1300	1400	15575
Spanish	0200	0300	15575

South America

Korean 2	0300	0400	11810
English 4	0200	0300	9580
Spanish	0100	0200	11810
Spanish	0100	0200	9605
Spanish	1100	1200	11795

Southeast Asia

Korean 1	0900	1100	9570
Korean 2	0800	0900	9570
Chinese	1130	1230	9770
Chinese	2300	2400	9805
English 1	0800	1030	9770
English 4	1300	1400	9570
English 4	1600	1700	9640
Indonesian	1200	1300	9570
Indonesian	1400	1500	9570
Indonesian	1600	1700	9805
Indonesian	2200	2300	9805
Vietnamese	2300	2400	7275
Vietnamese	1030	1130	9770
Vietnamese	1500	1600	9640

Middle East/Africa

Korean 1	1600	1800	9740
Korean 2	0900	1000	15160
Arabic	2000	2100	13585
Arabic	1700	1800	WRN
French	2000	2100	5950(Issoudun)

China

Chinese	1130	1230	6095
Chinese	2300	2400	7215

India

English 2	1400	1700	9785

Japan

Japanese	0100	0200	9580
Japanese	0200	0300	11810

Moscow

Russian	1730	1800	738 (AM)
Russian	2000	2030	738 (AM)
Russian	0500	0530	738 (AM)

Russian 0800 0830 738 (AM)
Russian 1030 1100 738 (AM)
Russian 1330 1400 738 (AM)
Russian 1530 1600 738 (AM)

Jakarta
Indonesian 1200 1300 102.6 (FM)

Buenos Aires
Spanish 1800 1855 94.7(FM)(Mon-Fri)

Non Direction
Korean 1 0900 1100 7275
Korean 2 1000 1100 1170 (AM)
Korean 2 1100 1200 7275
Japanese 0800 0900 7275
Japanese 0800 0900 6155
Japanese 0900 1100 9805
Japanese 1100 1300 1170 (AM)
Chinese 1300 1400 1170 (AM)
Chinese 1300 1400 7275

Submit Reception reports at :
https://world.kbs.co.kr/english/about/about_report.htm
--- (via Alokesh Gupta, New Delhi, March 25, DXLD)
English: [WORLD OF RADIO 1923]

** KURDISTAN. Radio transmissions TRT Kurdi provide support to the Kurdish people Since March 5, the TRT Kurdi radio broadcasts the program "Voice Afrina" Radio channel TRT Kurdi broadcasts for Africans in Syria renders support to the Kurdish people.

At that time, as in Africa in the north of Syria, the operation "Olive branch, radio TRT Kurdi, owned by Turkey TV and Radio Company TRT, provides information on the progress of the operation to residents of the region, where there is no connection with the outside world.

Since March 5, the TRT Kurdi radio broadcasts the program "Voice Afrina", in which appeals are made in the Kurdish and Arabic languages to trust Turkey and not to believe slaves of the imperialist forces - terrorist organizations.

The program <Voice Afrina> on the waves of the radio TRT Kurdi daily sounds in a direct broadcast from 13.30 to 15.00. In addition, the re-issue starts at 20.00. AT During the programs with Africans, direct telephone connections are made and through the messages are accepted requests for the song.

According to the information of radio employees, their editorial board periodically receives positive feedback, both from residents of Afrina, and from the Free Syrian army.
http://www.trt.net.tr/english/kul-tura-iskusstvo/2018/03/16/pieriedachi-radio-trt-kurdi-okazyvaiut-poddierzhku-kurdskomu-narodu-931581
(Dmitry Kutuzov, Ryazan, Russia / "deneb-radio-dx")
(via Rus-DX 25 March via DXLD)

Is this really about Africans? Or mistranslation derived from a place called Afrina? (gh, DXLD)

** KURDISTAN [non]. 7520even, ARMENIA, ex-called Radyoya Denge Kurdistane, now "Voice of Welat (Radyo Denge Welat)" from Gavar Yerevan Armenia site, usual bad 'harsh rough coarse' audio modulation, S=9+15dB in Qatar, 0435 UT March 25. Morning 0400-0440 UT log March 25, stations noted on remote SDR unit at Doha Qatar, Middle East [selected SDR options, span 12.5 kHz RBW 15.3 Hertz] (Wolfgang B¸schel, df5sx, wwdxc BC-DX TopNews March 25, dxldyg via DX LISTENING DIGEST)

** KUWAIT [non?]. 7584.937, IBB BBG Kuwait US-relay scheduled, but never seen such odd frequency offset at Kuwait site before. Normally only monitored on Udorn Thani relay. I guess older Continental units flown-in from storage, former Portugal or Kavalla relay site units? 0440 UT, S=9 signal on KWT - QAT path. Morning 0400-0440 UT log March 25, stations noted on remote SDR unit at Doha Qatar, Middle East [selected SDR options, span 12.5 kHz RBW 15.3 Hertz] (Wolfgang B¸schel, df5sx, wwdxc BC-DX TopNews March 25, dxldyg via DX LISTENING DIGEST)

** KUWAIT. Kuwait Shortwave Will Upgrade [sic] to Digital Using DRM

This new project will be added to a series of vital projects that aim to keep pace with the rapid technical progress around the globe

[by] DOUG IRWIN, CBPE DRB AMD MAR 14, 2018 From Radio Magazine Today

KUWAIT CITY ó The Kuwait Minister of Information Mohammad Al-Jabri on March 8 launched a project to update shortwave transmitters at Kabd station from analog to digital, with plans in place to use the open standard Digital Radio Mondiale, according to menafn.com.

Kabd station, with the new DRM system, will allow "Kuwait's voice" to reach the entire Middle East region, Europe and Asia, the minister noted.

This new project for the ministry will be added to a series of vital projects that aim to keep pace with the rapid technical progress

around the globe, Al-Jabri told KUNA and the Kuwait TV (via Paul Dobosz, MARE Tipsheet 23 March, via DXLD)

I went to the web site noted above. I sent an e-mail to the listed contact address, inquire@menafn.com giving my opinion about Kuwait abandoning many of their listeners with this change. They had no clue what I was talking about. -- HF] (Harold Frodge, ed., ibid.)

** KUWAIT [and non]. JAPAN (non), NHK World Radio Japan via Moosbrunn/SM di Galeria on March 27
0500-0530 5975 MOS 300 kW / non-dir WeEu English, very good
0500-0530 9860 SMG 250 kW / 184 deg WeAf English, wekk/fair
0500-0530 11970 ISS 500 kW / 155 deg SoAf English totally blocked at same time 11970 KBD 250 kW / 100 deg to SoAs English R.Kuwait DRM mode
http://swldxbulgaria.blogspot.bg/2018/03/nhk-world-radio-japan-via-moosbrunsm-di.html
(Ivo Ivanov, WOR iog via WORLD OF RADIO 1923, DXLD)

Re Radio Japan, q.v. Hi Tarek, did you manage to get in touch with Radio Kuwait!? 73, (Mauno Ritola, ibid.)

** LUXEMBOURG [non]. RTL France --- Hi, RTL leaves its historic building the centre of Paris, where it had been since 1936, and moves to Neuilly-sur-Seine, where it will share studios with sister stations RTL2 and Fun Radio. The first programme from the new premises was broadcast last Sunday.

New address: 56 Avenue du Charles De Gaulle, 92200 Neuilly-sur-Seine.

The faÁade of the Paris building, a work of art created by Victor Vasarely in 1972, will be donated, so it seems, to the Vasarely museum in Aix-en-Provence.

An excellent financial operation for the station, no more rent to pay for the building, no more costs to maintain the Vasarely metal blades, not to mention the healthy tax cuts under the law on corporate sponsorship.
https://pbs.twimg.com/media/DMwCR-VX0AM9Mg7.jpg
(RÈmy Friess, Germanish, March 23, MWCircle yg via DXLD)

** MADAGASCAR. 6135.0, Radio Madagasikara (presumed). Have been following with interest Glenn's UNID here, but until today (March 22) have been of no help to him due to my daily having strong N. Korea white noise jamming, which today was off the air. Tuned in at 1325 to hear very faint audio (unusable); signal slowly improved to the level that the language indeed sounded correct to be them. At 1349 station went off the air for a bit, but noted again at 1352; some commercial announcements; 1357 instrumental "Bridge Over Trouble Water";

"presumed," as I heard no specific station ID, but am very confident was them. Was wonderful to hear this again, as it has been many years since I last heard them on this frequency! My audio at http://goo.gl/vtHj44
My local sunrise was at 1408 UT, while Antananarivo sunset was at 1459 UT (Ron Howard, Asilomar State Beach, CA, EtÛn E1, antenna: 100' long wire, WOR iog via WORLD OF RADIO 1923, DXLD)

German DXer on tour in Madagascar at 14.32 UT mail stamp.

----- Original Message -----
From: "Andreas Tschauder" <andreas_tschauder@web.de>
Sent: Monday, March 26, 2018 4:32 PM
Subject: [A-DX] MDG auf 5010 und 6135 Jetzt

// 99.2
6135 Stark
5010 Stark aber ¸bermoduliert

QTH: Antananarivo-Ivato, Madagaskar
N‰he internationaler Flughafen, bei sonnigen 25 Grad

55+73! (Andreas Tschauder, March 26, via Wolfgang B¸schel, DXLD)

(Translated) Quotation from A-DX list: Confirming MDG on 6135

-------- Weitergeleitete Nachricht --------
Re: [A-DX] MDG on 5010 and 6135 now
Date: Mon, 26 Mar 2018 16:32:03 +0200
From: Andreas Tschauder

// 99.2
6135 Strong
5010 Strong but overmodulated

QTH: Antananarivo-Ivato, Madagascar
Near international airport, at sunshine 25 C

55+73! (Andreas Tschauder, via Eike Bierwirth, WOR iog via DXLD)

Yes, 6135 kHz noted with 1502 s/off today and North Korean jamming appeared at 1503. 5010 has a carrier with bits of audio on 5009.93 kHz still now at 1825. 73, (Mauno, March 26, ibid., WORLD OF RADIO 1923)

Wolfie - Excellent! Very nice to get a first hand report directly from there. Ron (via B¸schel, DXLD)

** MADAGASCAR. 17570, March 23 at 2005, S9-S8 YL in tonal African

language, occasional hints of French influence; 2007 choral music, 2008 ID in passing as Radio Mondiale Adventiste. On almost dead band it really stands out along with 17640 African Pathways Radio, from the other MAD site. As in my previous log Feb 25, language listed as Moore spoken in Burkina Faso. But Aoki/NDXC labels it Mossi(Moore). HFCC A-18 shows this only Mos language broadcast anywhere will then move to 9770, and to site from FRANCE (Glenn Hauser, OK, DX LISTENING DIGEST)

11790, World Christian Broadcasting at 2200. Opening on time today with M in Arabic. Male vocal music at 2212. I was unavailable yesterday (3/24) to check to see if they were on, but on 3/23 they were a no-show. (I did frequent rechecks on 3/23 between 2200 and 2300, nothing heard). Also, once last week, they came on late. Excellent Mar. 25 (Rick Barton, Logs from Central Arizona, Grundig Satellit, RS SW-2000629, and HQ-180A with various outdoor wires. 73 and Good Listening....! WOR iog via DXLD)

World Christian Broadcast Madagascar World Voice Mar 24
KNLS New Life Station
1800-1900 9570 MWV 100 kW / 355 deg EaEu Russian tx#1, A-18 on same
Radio Feda
1900-2000 11945 MWV 100 kW / 355 deg N/ME Arabic tx#1, A-18 on 11965
KNLS New Life Station
1900-2000 9810 MWV 100 kW / 355 deg EaEu Russian tx#2, A-18 on 9755
Radio Feda
2000-2100 11945 MWV 100 kW / 355 deg N/ME Arabic tx#1, A-18 on 13710
The Light of Life
2100-2200 11610 MWV 100 kW / 325 deg WeEu Chinese tx#1, A-18 on same
2200-2300 9490 MWV 100 kW / 055 deg EaAs Chinese tx#2, A-18 on same
http://swldxbulgaria.blogspot.bg/2018/03/world-christian-broadcast-madagascar.html
(Ivo Ivanov, SWLDXBulgaria News, March 24-25, WOR iog via DXLD)

MWV A18 Effective March 25, 2018 to Oct 28, 2018

Freq	UTC Start	UTC Stop	Language	Target Area	TX#	Ant	Azimuth
6190	0200	0300	Spanish	S.America	2	1	250
9600	0200	0300	English	India	3	3	40
6190	0300	0400	Spanish	N.S.America	2	1	265
15515	0300	0400	English	India	3	3	40
11825	0400	0500	A.English	Africa	2	1	295
17530	0400	0500	Chinese	Southern China	3	3	55
9570	1800	1900	Russian	E.Russia	2	3	355
17640	1800	1900	A.English	Africa	3	2	310
9755	1900	2000	Russian	E.Russia	2	3	355
11965	1900	2000	Arabic	Central Mid.East	3	2	340
13710	2000	2100	Arabic	Central Mid.East	2	3	355
17640	2000	2100	A.English	Africa	3	2	295

11610	2100	2200	Chinese	Europe	2	2	325
9490	2200	2300	Chinese	Southern China	3	3	55
11790	2200	2300	Arabic	N.Africa	2	2	325

Reports to : mwvradio@gmail.com or info@worldchristian.org
(via Alokesh Gupta, WORLD OF RADIO 1923, DXLD)

** MALAYSIA. 11665, Sarawak FM (via RTM-Kajang) 1630-1721+ 22 March. Pleased to find Sarawak FM running very late on 25M // 9835 (11665 switches from Wai FM to Sarawak FM at 1600, but usually stays on only for a few minutes before pulling the plug.) (Dan Sheedy, Encinitas, CA, PL380/6m X wire, DX LISTENING DIGEST)

** MALI. 9635, R. Mali, Kati, 1241-..., 22/3, portadora vazia; 35443. InaudÌvel em 5995, no perÌodo vespertino. AtÈ 23/3, a situaÁ„o manteve-se inalterada (Carlos GonÁalves, SW coast of Portugal, DX LISTENING DIGEST)

** MEXICO. [Re 18-12:] XEWW is in the right place at the start of 690 kHz, but the frequency has a typo: 680 kHz. XEMA was supposed to stop according to deletion from IFT list, but it seems to continue anyway. Best regards, (Mauno Ritola, WRTH, DX LISTENING DIGEST)

Here's a document from the IFT (I believe Neil Kazaross sent it to me some time ago) which mentions XEMA among the list of stations that would be asked to stay on AM (I suppose his may not be a complete / final list?). 73 (Tim Hall, DX LISTENING DIGEST) Viz.:

9 pages of legalese, culminating with this list, lots of typos in the pdf conversion from optical scan; hope I have all found and fixed. And I lined up the calls and frequencies for easy reference (gh)

	Concesionario Permisionario	Distintivo	Frecuencia
1	EL SAUZII AGS JOSEFINA REYES SAHAGUN	XEEY	660
2	CD CUAUHTEMOC CHIH ELISA SAUNAS ENRIQUEZ CESAR ANIBAL MORENOSALINAS FRANCO ULISES MORENOSALINAS Y BETZABE MORENOSALINAS	XEPL	550
3	NUEVO CASAS GRANDES CHIH RADIO CASAS GRANDES SA	XETX	540
4	RANCHO PRIMERO CHIH ARNOLDO RODRIGUEZ ZERMENO	XEHB	730
5	COMITAN de DOMINGUEZ CHIS INSTITUTO MEXICANO DE LA RADIO	XEMIT	540
6	TORREON COAH CADENA REGIONAL RADIO FORMULA SA DE CV	XEQN	740
7	CARDONAL HGO COMISION NACIONAL PARA EL DESARROLLO DE LOS PUEBLOS INDIGENAS	XECARH	1480
8	PUERTO VALLARTA JAL OPERADORA DE MEDIOS DEL PACIFICO SA DE CV	XEEJ	650
9	TAMAZULA DE GORDIANO JAL RADIO SISTEMA DEL SUR, SA DE CV	XEXXX	840
10	APATZINGAN MICH XEML SA	XEML	770
11	LAZARO CARDENAS MICH XELCM-AM, SA DE CV	XELCM	920
12	MORELIA MICH LARIS HERMANOS, SA	XELQ	570

13 ZITACUARO MICH RADIO ZITACUARO SA XELX 700
14 LINARES NL LA VOZ DE LINARES, SA XELN 830
15 OJO DE AGUA NL AUDIO PUBLICIDAD SA DE CV XEDD 800
16 EL VIGIA OAX RADIO SOLUCION SA DE CV XEPX 650
17 OAXACA DE JUAREZ OAX RADIODIFUSORA XEOA-AM SA DE CV XEOA 570
18 PUERTO ESCONDIDO OAX RADIO SOLUCION, SA DE CV XEACC 870
19 XICOTEPEC DE JUAREZ PUE RADIODIFUSION DE XICOTEPEC, SA DE CV XEVJP 570
20 MATEHUALA SLP RADIO MEDIOS MATEHUALA SA DE CV XEIE 1030
21 SOLEDAD DE GRACIANO SANCHEZ SLP CADENA RADIODIFUSORA MEXICANA SA DE CV XEWA 540
22 CULIACAN SIN XECSI-AM, SA DE CV XECSI 750
23 LOS MOCHiS SIN RADIODIFUSORA XEHS, SA DE CV XEHS 540
24 CABORCA SON RADIO PALACIOS SA DE CV XEUK 570
25 SAN FERNANDO TAMPS RADIOTAURO SA DE CV XESFT 780
26 BUENA VISTA DE RIVERA ZAC RADIODIFUSORA XEMA 690 AM, SA DE CV XEMA 690
27 GUADALUPE VICTORIA ZAC RADIO ALEGRIA DE TLALTENANGO, SA DE C.V. XETGO 1100

[Each entry concludes with boilerplate Resultado del Dictamen: fill in the blanx of different call letters, and please explain what it means in Spanish as well as English? Perhaps: that areas mentioned will not have any ``local`` radio service if the station does not stay on AM]

``DespuÈs de realizado el an·lisis de continuidad del servicio de radiodifusiÛn sonora en los municipios comprendidos dentro del ·rea de servicio de la estaciÛn XETGO-AM sujeta al Acuerdo de TransiciÛn, se determinÛ que dicha continuidad de servicio no est· garantizada por otras estaciones de radiodifusiÛn sonora en localidades de los municipios de Monte Escobedo, Zacatecas y Mezquitic, Villa Guerrero, Chimaltitl·n y San Martin de Bolanos, Jalisco.`` (Glenn Hauser, OK, DX LISTENING DIGEST)

** MEXICO. [Re 18-12:] A few notes:
-The "northern Nuevo LeÛn" reference means the two municipalities that are part of the 33 using American DST start and end dates. In Nuevo LeÛn that is An·huac and Los Aldama.
http://www.excelsior.com.mx/nacional/2018/03/09/1225302
These are municipalities generally on or very near to the border, with the notable exception of Baja California (the entire state) and Sonora (no DST statewide).

-XERG is not migrating, correct (Raymie Humbert, AZ, March 23, WTFDA Forum via DXLD)

** MEXICO. RAYMIE`S MEXICO BEAT this week --- including some DTV = TDT

After months of testing and no idea what the station would settle into, Monclova has yet another grupera station.

High up in the Sierra La PurÌsima to the southwest of town, XHPCIE-FM 90.5 (nominally Cuatro CiÈnegas) signed on months ago but only officially launched on Tuesday as "La Primera", Coahuila's lone IFT-4 FM station.
https://twitter.com/MILTONMALACARA/status/976059444311162880

The irony in calling yourself "The First" based on your dial position? Oh yeah, that's right, XHGIK is supposed to move to 88.1 soon (Raymie Humbert, Phúnix AZ, March 24, WTFDA Forum via DXLD)

We'd already seen signs of this in Guadalajara, and now the casting call has come to Monterrey for the new XHOK-FM, which will take Radio Disney as its format upon migration.
https://tec.mx/es/noticias/monterrey/vinculacion-y-prestigio/llega-radio-disney-monterrey-buscan-voces-en-el-tec

XHOK will likely take one of 96.1, 96.9, or 100.5 MHz. One of the other two will be given to XEWA/Mty. The third station allocation will probably be reserved under the principle of Article 90 reserved band reciprocity (Raymmie, Harch 25, ibid.)

At migration, Puerto PeÒasco (Son.)'s XEQC-AM was authorized to migrate to FM on 93.5 (XHEQC-FM). That never happened and the station ended up not renewing its concession.

But 93.5 will come to life in Puerto PeÒasco, and sooner than you think. XHPPO-FM will be moving to the frequency as an A90 clear, just identified.
http://www.ift.org.mx/sites/default/files/conocenos/pleno/sesiones/acuerdoliga/pift140617332.pdf

Elsewhere in Sonora, XHENS-FM will broadcast on 89.9 MHz instead of its current 107.1.
http://www.ift.org.mx/sites/default/files/conocenos/pleno/sesiones/acuerdoliga/pift170517262canx.pdf

Also just identified was XHIE, which will eventually slide to 105.5.
http://www.ift.org.mx/sites/default/files/conocenos/pleno/sesiones/acuerdoliga/pift070617313canxs.pdf

I believe these are the last A90 clears for now. Other commercial stations do not see their concessions expire until the 2020s. There are also a variety of noncommercial (public and social) stations that still need to be moved if they can, such as XHCGJ, XHLAYA, and XHCHZ.

Last edited by Raymie; 03-26-2018 at 12:08 AM (Raymie, Mar 25, ibid.)

There's a bunch of radio news to cover today:

One UAM to rule them all.
https://www.facebook.com/UAMRadio/photos/a.144207695645544.30308.116803641719283/1637717736294525/?type=3&theater&ifg=1

Testing has officially begun for the high-power (3 kW) transmissions from the Cuajimalpa site for XHUAM-FM (no C), which when put into full use will end the single-frequency network that had previously been UAM Radio.

Finally, a name and format for XHPTCS-FM. It only took three months, but XHPTCS has unveiled its format and name. The station, which will have a pop format under the name "Pop 95.5", is using a similar logo to XHPR-FM (Veracruz Puerto). They are coming ever closer to being the first of the three IFT-4 stations in Tapachula to come on the air.

Mexico City's big radio unknown.
https://www.eleconomista.com.mx/empresas/La-molecula-que-creo-a-Radioactivo-volvera-a-la-CDMX-por-el-105.3-FM-20180326-0052.html

What is essentially a new station also looks closer to coming to the air in Mexico City. The lone second-wave commercial migrant in the nation's capital, XHINFO-FM 105.3, has already determined its format and name, but those have not been announced. More interestingly, the Henkel family, which owns XHINFO, was approached by Acustik to be their Mexico City FM affiliate (they already signed on with XEOC 560 AM).

XHINFO is especially tantalizing because their airstaff and management have hints of one of the great radio stations in Mexico City radio history: the mythical Radioactivo 98.5. Station director JosÈ Alvarez told El Economista, "We'll be on the air in two months, three at most; we'll also be on the air in the Riviera Maya and on our digital channels".

Perhaps the new 105.3 will also be heard on one of the IFT-4 stations in Quintana Roo? (Raymie, March 26, ibid.)

HD Radio MÈxico tweets/Facebook posts once a day. However, it has turned into a significant source of accurate information on its topic. Several stations have been identified as HD because of it, and now we know XHNLT-FM does indeed have additional subchannels (Radio FÛrmula Primera Cadena and TriÛn, respectively).
https://twitter.com/HDRadioMX/status/978753541400678400

It's likely that the other RF migrants, though maybe not XHEHF?, will be stacked with HD subs as well. Their Mexico City FMs certainly are. And none of them have the corresponding IFT authorization (Raymie, March 27, ibid.)

With the IFT closed, we still get news. A bunch of radio station awards to discuss:

FundaciÛn Radiodifusoras Capital Jalisco, A.C. goes from the Pacific coast to the Gulf Coast. Its new stations will be at Cosoleacaque-Minatitl·n (probably Coatzacoalcos implied), Veracruz, and in the city of Oaxaca.

FundaciÛn Cultural para la Sociedad Mexicana gets on the board in Ciudad ObregÛn, Sonora.

Chihuahua gets its first community station by way of Radio Los Compadres, A.C., which will operate in TÈmoris in Guazapares Municipality. This is another station deep in the mountains of western Chihuahua. The new XHURI would be 36 rugged kilometers away; other stations are over 100 km away. This is an existing pirate on 100.7 MHz.
https://www.facebook.com/798986200210119/photos/a.798989053543167.1073741828.798986200210119/977025062406231/?type=3&theater

We don't know who won these: there were two mutually exclusive groups resolved at Chetumal and San Miguel de Allende (the latter one is on AM!), and a permit forest was cleared in Morelia. There were five applications in Morelia and only two were approved. Radio EducaciÛn is known to be in the mix here.

Some technical changes we probably won't get for months.

There were also an additional seven Televisa multiprogramming authorizations for Foro TV, for XHACZ, XHCOV, XHMEN, XHOXO, XHQCZ, XHSTC, and XHCUI (Raymie, March 27, ibid.)

Raymie, do you know if XERF-1570 will ever go off the air? They received approval in the AM-FM migration in 2012 to operate XHRF-FM 103.9 in Ciudad Acuna. They are such a pest every night out west, mixing with KCVR Lodi. I'd love to have 1570 clear up so I can try for flea power nighttime DX. I've heard KBCV multiple times during good conditions, and almost had 331-watt WSCO 1570 in WI one night (NBC Sports, but no ID).

I saw a 101.9 has been approved in Ensenada, it should be a decent Es target this summer if they aren't flea power (crainbebo, FM/AM/SW DXer of Yakima, WA! God Bless America!, March 28, ibid.)

XERF's signal is so big it has to have a continuity obligation associated with it. That's why they are still on. The IMER will want the signal permanently and could easily win it back by putting the frequency in the PABF or similar, even if other radio stations have emerged to pick up the slack. (There is a study coming this year to reevaluate continuity obligations for all migrants that have them.)

The 101.9 in Ensenada will be a Class A. I do not expect it on this season. FCSM has a lot of stations to build: Ensenada, Guasave, Zamora, ObregÛn, and potentially an AM at San Miguel de Allende.

Ensenada's IFT-4 stations on 94.7 and 96.9 may be on by the summer, though, and there is an impending A90 clear (106.9 to 104.1) as well there (Raymie, March 28, ibid.)

Raymie, Do you know of anyone who has looked at the XERF wattmeter, lately? I've seen listings for 100, 250, and 500 kW but, the last I heard it was down to 50 kW. 73, (Ed NN2E, Owner / Operator - Murphy's Law Test Site & Thunderstorm Proving Grounds, KY, March 29, ibid.)

Unfortunately, no. I'd probably need to contact IMER. At least they'd probably be willing to give me an answer.
ó ó ó

Meanwhile, it's arrivederci for More FM ó both XHMORE and XEWV-FM are getting the same new format on Saturday
https://www.allaccess.com/net-news/archive/story/175244/xhmore-more-fm-98-9-tijuana-san-diego-switching-to
as part of an LMA with an American company called Flip Media. It's called TJ SD, and I get that, but what is the format supposed to be anyway? (Raymie, ibid.)

Re XERF ---- I am not sure what the source was, but I understand that 100 kW are being used. I can hear XERF pretty much nightly here in SE FL, with little difficulty. If nondirectional, I would doubt it's more than that. I really doubt that 50 kW would make it here without QRM by the little guys in the US, or better to say that 50 kW wouldn't be as loud as it is --- but 250 would likely be way too much of a signal here. But, I'm only going by the level I hear.

I like this site for AM worldwide:
http://www.mwlist.org/mwlist_quick_and_easy.php
cd (Chris Dunne, Pembroke Pines FL, March 29, ibid.)

The post-NARBA XERF never had 500 kW. The 250 kW RCA, in use from either the very late 50's or 1960, eventually failed in the late 80's and was replaced with a 100 kw unit. Measurements done in the Houston

area seem to indicate it is using less than 100 kw now, likely to save electrical consumption.

While there is a connection with the old 500 kW XER, mostly based on geography, that station was cancelled in 1941. A new station, XERF, was inaugurated in 1946.

"En marzo la emisora fue reabierta, otorg·ndose la concesiÛn a la CompaÒÌa Radiodifusora de Coahuila, S.A. La planta transmisora se situÛ en su actual ubicaciÛn, en el kilÛmetro 10 de la carretera Ciudad AcuÒa-Presa de la Amistad. Durante esta segunda etapa, la XERF aprovecha su car·cter de canal libre internacional para continuar transmitiendo a 250 mil watts de potencia. Esta cobertura le permite abarcar una amplia extensiÛn del territorio estadounidense, por lo que difunde preferentemente m˙sica country y programas de tipo religioso en inglÈs."

IMER acquired the station in a lengthy process in 1986-1987. The old transmitter was not producing 250 kW any longer, and at the time of the change to government ownership, it was running just 15 kW. The 250 kW transmitter could not run full power as it was obsolete and no parts were available. The 50 kW auxiliary transmitter was inoperative due to neglect.

A project was started in 2002 to refocus the station. As part of that, it was decided to acquire a new 100 kW transmitter, and in 2004 it was inaugurated. The 250 kW transmitter was removed as it was, by then, useless.

XERF is not the same as Doc Brinkley's pre-NARBA station; one of the goals of NARBA was to shut down the most egregious of the border blasters of the 30's.[/QUOTE] (David Eduardo [Gleason], La Quinta CA, March 29, ibid.)

** MEXICO [and non]. 710, March 23 at 1217, preacher in Low German with American accent: this really stands out on the MW band vs all the Vietnamese and Spanish, and of course it`s XEDP, Ciudad CuauhtÈmoc, Chihuahua, which emits this guy every morning. I see that WRTH 2018 does not mention this distinctive aspect of La Ranchera de CuauhtÈmoc.

XEDP has no problem overhopping 10 kW KGNC Amarillo whose day and night patterns favor WSW to S to ESE; KGNC, KCMO and KNUS mutually protect each other. Once skywave is out, KGNC does make it to here marginally on groundwave at 380 km, better/closer than KCMO (Glenn Hauser, OK, DX LISTENING DIGEST)

** MEXICO. XEXT-980 Tepic NAYARIT is gone --- I noticed from listening to XEXT's web stream that they have recently removed 980 AM from their

ID. I sent the station a Facebook message and they confirmed that the AM is now off. 73 (Tim Hall, CA, Sent from my BlackBerry 10 smartphone, March 26, DX LISTENING DIGEST)

Thx; fewer and fewer remain from that tough estado that I've never had here in IL. 73 KAZ (Neil Kazaross, ibid.)

The 2015 IRCA Log had 16 MW stations in the state; the 2018 WRTH has 7, of the 13 originally keyed numbers (gh, DXLD)

** MEXICO. 6185, Radio EducaciÛn at 0215 UT in Spanish with English tune "When a Man Loves A Woman" by Percy Sledge followed by a full ID at 0233 followed by a program of Mexican ballads. Very Good. 73 (Mick Delmage, Sherwood Park, Alberta, Rx: Perseus SDR, Ant: Wellbrook ALA 100 loop antenna, WOR iog via DXLD) Date missing, maybe March 20 (gh)

6185, March 21 at 0623, S8 open carrier/dead air, obviously XEPPM continuing to burn after nominal 0600*; CDMX is still on UT -6, like most of central Mexico, DSTing to UT -5 and a 0500* s/off not until April 1 (Glenn Hauser, OK, DX LISTENING DIGEST)

** MYANMAR. 5915.00, 1425-1430 18.3, Myanma R, Naypyidaw. Vernacular ann, local song, 34333

7199.83, 1415-1425 18.3, Myanma R, Yegu. Vernacular talk, 25232 (Anker Petersen, Denmark, heard on the AOR AR7030PLUS with 28 metres of longwire in Skovlunde, WBradio yg via DXLD)

** MYANMAR. 5985, Myanmar Radio, 1217-1229, March 26 (Monday). Today's edition of "Say It In English" was a repeat program, which was originally reported by me back in 2017:

"5985, Myanmar Radio, on Sept 20, heard the start of the Wednesday edition of "Say It In English" at 1247; continuing adventures (dialogue) of "Tom," who this week was sick; some type of QRN, but still with decent reception; program only on Monday and today. My readable seven minute audio at
http://goo.gl/Mzi2Mu
(Ron Howard, Asilomar State Beach, CA, EtÛn E1, antenna: 100' long wire, dxldyg via DX LISTENING DIGEST)"

** NETHERLANDS [non]. Hello! I have been enjoying your updates via podcast and would like to share my latest DX catch. On 3/25 at 0145 UT I heard ëThe Mighty KBCí Trucker Radio on 5960 kHz with a music show. I was using a Grundig Satellit 800 with longwire antenna. (After browsing their website it appears that this is a Dutch station??) Happy DXing! (Carly Dudash, Celebration, FL, Sent from my iPhone 6, DX LISTENING DIGEST)

Hi Carly, Thanks for your report. That confirms their new frequency, which I missed checking tonight; just changed from 6150. It`s weekly at 00-02 UT Sundays. Yes, originates in Netherlands, but transmitted from Germany (Glenn to Carly, via DXLD)

Good evening Glenn, I received additional scheduling information from The Mighty KBC and thought you may be interested. Please find their reply below. Thank you! Carly

Begin forwarded message:

From: KBC <themightykbc@gmail.com>
Date: March 26, 2018 at 1:58:09 PM EDT
Subject: Re: 6095AM Request
Reply-To: sales@kbcradio.nl

Dear Carly, Thank you for your reaction and report. It's much appreciated. We stay on 5960 till May 5th, when we move to 9925 for the summer period. Have a great week and we see you Saturday.
Met vriendelijke groet / Best regards, Eric van Willegen

KBC RADIO 1602AM / DAB+
Argonstraat 6
6718 WT Ede
Tel. 0318 552491
http://tunein.com/embed/player/s248040/
www.kbcradio.nl
www.kbcradio.eu
www.facebook.com/TheMightyKbc
Adverteer op KBC Radio 1602AM / DAB+:
sales@kbcradio.nl
Visit www.railwear.ca and order your Mighty KBC T-shirt today! (via Carly, DXLD)

** NEW ZEALAND [and non]. 5980, March 23 at 1236, Radio MartÌ atop jamming as a numbers station --- lottery, that is --- can dentro-cubanos really participate? 1237 on to weather forecast for the island.

Am checking here in anticipation of RNZI`s A-18 move from 7390 starting at 1259. Sure hope the Cuban jammers turn off as quickly as Greenville by 1300*. Oh, A-18 shows MartÌ will then be stopping 5980 at 1000*, so should not be a problem. More of a problem for us will be earlying fadeouts of 50m as we get into summer. Enjoy morning reception while we can. Judging from previous season, our best window should be 0459-0658 on 11725 (and if awake, 0659-1058 on 7425).

7390, March 23 at 1325, RNZI is still good here with interview about exploding populations of crocodiles in Australia. A hunter describes how he extracts human remains after consumption by then executed crox. One more day to go on this frequency.

11725, March 25 at 0556, RNZP nice song in Spanish with guitar, S9+10/20, making it the SSOB by far; in fact the OSOB except for 11520 JBA carrier from WEWN. And BTW, hardly anything is propagating on lower 9 and 7 MHz bands either. Reactivated frequency, giving us a good two hours of reliable reception, now scheduled 0459-0658 daily. I was going to present the program lineup for that block, except NZ has one more week of DST UT+13, which means the domestic RNZ relay times, which are almost all of RNZP content, will be changing. Until then, RNZI is in its Week of Confusion. 0600 timesignal and ``RNZ News at 7``, top story being Aussie cricket scandal, yawn.

7425, new March 25 at 1234, RNZP music is S9-S6, not solid since in the 11-13 block only, this one is aimed only NNW, not NNE.

5980, March 25 at 1241, pointless Cuban wall-of-noise jamming is still running against no MartÌ; at 1259, RNZI comes up on its new frequency, VG but jamming audible under. 1403 recheck, RNZI still good and no jamming. 1502 recheck, RNZI faded to a JBA carrier. If it were still on 7390, it would last longer into our daytime (Glenn Hauser, OK, DX LISTENING DIGEST)

5980, RNZI at 1515 UT March 25 relaying RNZ talking about a local volcano. Very Good. 73 (Mick Delmage, Sherwood Park, Alberta, Rx: Perseus SDR, Ant: Wellbrook ALA 100 loop antenna, WOR iog via DXLD)

Greetings From Minnesota! I found RNZI on a different frequency this morning: Radio New Zealand Int. 1307 27 Mar 2018. 5980, 1304 27 MAR - RADIO NEW ZEALAND INT. SINPO = 35323. English, news anchored by male announcer. New Caledonia politics. French Polynesia elections. Pacific Islander immigration quotas in NZ. ID at 1309z ìRNZI Pacificî. QSB = moderate to rapid rate. Modulation mostly well above the noise floor with occasional fades to mixing with it. Received at Plymouth, United States, 12912 KM from the transmitter at Rangitaiki. Local time: 0804. 73s (-Rodney Johnson, http://swldx.tumblr.com WOR iog via DXLD)

** NEW ZEALAND [and non]. 6224-USB, March 23 at 1240, marine weather by synth male voice, clearly enunciated but lacking human expressiveness; emphasis seems on wind speeds and direxions. EiBi shows it`s ZLM, Taupo Maritime Radio, schedule of which is 32-minute transmissions all starting at :03 or :33 past the hours, why? 0033, 0303, 0333 [overlapping?], 0433, 0703, 0803, 0903, 1233, 1503, 1533 [overlapping?], 1633, 1903, 2003, 2103, 2303.

6230-USB, March 23 at 1240, marine weather only slightly weaker than ZLM 6224, sounds like same synth male voice with similar info, presumably concerning western Australia since it`s VMW, Wiluna. In this case transmission is continuous per EiBi, 1000-2300 (Glenn Hauser, OK, DX LISTENING DIGEST)

** NICARAGUA. NICAR¡GUA, 8989bls, El Pescador Predicador, 2208-..., 17/3, propaganda religiosa; 25342 (Carlos GonÁalves, SW coast of Portugal, DX LISTENING DIGEST)

** NIGERIA [and non]. BBC NEWS CELEBRATES OFFICIAL OPENING OF LAGOS BUREAU Date: 22.03.2018 Last updated: 22.03.2018 at 17.03

The BBC today officially opened its new bureau in Lagos, home to three new services in Igbo, Pidgin, and Yoruba. The bureau boasts a new state-of-the-art TV studio and two radio studios and can house up to 200 people.

The BBCís investment in Nigeria has created over 100 new jobs in Lagos and means that BBC News is now available in five languages across Nigeria (Igbo, Pidgin, Yoruba, Hausa and English). This comes as part of the biggest expansion of the BBC World Service since the 1940s.

The BBC will also invest in the region further by launching a mentorship and internship scheme for the next generation of West African journalists, Jamie Angus, Director of the BBC World Service, announced at the launch event for the bureau.

Jamie Angus says: ìItís wonderful to be here to open this bureau, which will be the headquarters for our operation across West Africa. It will be a beacon for our journalism and as such I am delighted to announce our mentorship and internship scheme for up-and-coming journalists. This is part of BBCís contribution to the growth of media best practice and professionalism in Nigeria, and the fight against fake news - and weíll benefit from the young journalistsí insight into West Africa.

ìThe World Service delivers accurate, impartial and independent news to all countries. We spot the stories, see the patterns and make sense of your world. We promise to remain your most trusted source of news in the years to come.î

The bureau is led by the BBCís Head of West Africa, Oluwatoyosi Ogunseye. She says: ìItís a great honour to be part of this expansion and Iím so proud to be leading the teams in Nigeria. We will big on original journalism that impacts the lives of Nigerians at home and abroad. We are expanding our editorial offer to cover politics, culture, business, health, investigations, among others.

ìWe will focus more on young people and women, ensuring that we cover Nigeria and the whole of West Africa like never before. Weíll remain true to our ideals and values of objectivity, truth and impartiality.î

BBC News in Igbo, Pidgin, and Yoruba reports on stories affecting the lives of audiences across the region, and is available online and on social media. There is also a 60-second audio round-up, BBC Minute, twice daily.

The BBC is also joining forces with Channels Television on Connect Africa, a new weekly half hour programme in English which will launch later this year. This will be a live current affairs show focusing on the stories behind the news, with audience interaction via social media and from a studio audience.

The BBC is launching more new TV programming for Africa later this year in English, Hausa, French and Swahili, and some of the TV teams will join the Lagos bureau. This will include programmes about sports, business, and entertainment, satire, a womenís programme, a programme for 10-16 year olds, and investigative documentaries.

This will offer other local independent producers the chance to be involved in co-productions and BBC commissions.

The BBCís international news currently has an audience of 36m in Nigeria, the largest of any country.

Oluwatoyosi Ogunseye has over 15 yearsí experience as an investigative journalist. In her new role, she manages BBC Afrique, Hausa, Igbo, Pidgin and Yoruba. She is the first-ever Nigerian recipient of the Knight International Journalism Award, and a fellow of President Barack Obamaís Young African Leaders Initiative.

http://www.bbc.co.uk/mediacentre/latestnews/2018/bbc-news-lagos-bureau
22 March 2018 (via Dr Hansjoerg Biener, DXLD)

** NIGERIA [non]. 11530, March 27 at 1923, WRMI is not on the air, contrary to a schedule we got showing that in A-18, R. Herwa International would start half an hour earlier at 1900. At *1927, WRMI does cut on with ``top of hour`` ID & IS loop at bottom of hour, but recheck at 1945 seems music fill unlike R. Herwa programming (Glenn Hauser, OK, DX LISTENING DIGEST)

FRANCE, Very good signal of Radio Herwa International via TDF Issoudun, March 26
1930-2000 11625 ISS 100 kW / 170 deg Hausa/Kanuri registered 1900-1930
1930-2000 11530 YFR 100 kW / 087 deg Hausa/Kanuri blocked by DengÍ

Welat!
http://swldxbulgaria.blogspot.bg/2018/03/very-good-signal-of-radio-herwa.html
(Ivo Ivanov, SWLDXBulgaria News, March 26-27, WOR iog via WORLD OF RADIO 1923, DXLD)

** NORTH AMERICA. John Cruzan, founder of the Free Radio Net, was severely injured in a motorcycle accident recently.
http://frn.net/vines/
(MARE Tipsheet 23 March, Harold Frodge, ed., via DXLD) Viz.:
http://www.frn.net/vines/read.php?3,6295,6295#msg-6295
(gh, DXLD)

John Cruzan, Free Radio Network, seriously injured --- Captain Eddy of Radio Airplane, a.k.a. John Cruzan, was seriously injured in a motorcycle crash.
http://www.frn.net/vines/read.php?3,6295,6304#msg-6304
(via gh, WOR iog via DXLD)

** NORWAY. 5895.00, 1520-1530 Sat 17.3, R Northern Star, Erdal. English ann [ouncer, or ouncement??], Church music and English hymns, 1530 ID's like: "This is the Northern Star", 35444 (Anker Petersen, Denmark, heard on the AOR AR7030PLUS with 28 metres of longwire in Skovlunde, WBradio yg via WORLD OF RADIO 1923, DXLD)

I guess it`s still legal to broadcast on SW in Norway??? (gh, DXLD)

** NORWAY. TWO NORWEGIAN LOCAL RADIO STATIONS FINED FOR BROADCASTING ON FM --- RADIONYTT.NO By Kyrre Dahl 27 March 2018
http://www.radionytt.no/eng1806.php

Radio Metro and Radio Rox, has been issued a fine of almost 7000 euros by The Norwegian Media Authority. The reason is exceptional by European standard, the two local radio stations wanted to stay on air on FM, but was not allowed.

According to the Digital Switchover Plan, all national broadcasters had to switch of their FM transmitters in 2017. In the big cities this also applied to the commercial local radiostations, regardless if they wanted to stay on FM or not.

Almost all local radio stations was given an extension on their FM licence, 187 local stations in all. But the Parliament decided that larger mainly commercial radio stations in and around Oslo, Bergen, Trondheim and Stavanger was to be denied an extension on FM, out of fear they would steal listeners from the national broadcasters, which are now on DAB only.

In the region of Oslo, Norway`s largest city (and market), Metro-

gruppen and their stations Radio Metro and Radio Rox refused to stop transmitting on FM from december 9th, the day that NRK, P4 and Radio Norge stopped their broadcasts on FM.

Metro-gruppen and their CEO Svein Larsen argued that the case has not yet been investigated by ESA, the Efta Surveillance Authority, and that is was unfair that they were refused to broadcast on FM, for no other reason than to give more listeners to the national channels. They also claimed that P4 and Radio Norge has been broadcasting in some areas after they were supposed to go off air, without any action taken by the authorities.

For the next week, until Dexember 16th, Radio Metro and Radio Rox continued to broadcast on FM in Oslo, a move that the Norwegian Media Authority says was illegal and the two companies have now been fined 57.000 kroner and 10.750 kroner, apprx. 7000 euros in total.

The move has angered many listeners who have started a fundraising to pay for the fine. After three days more than 60 persons or organisations have given more than 10 000 kroner (1000 euros+) and there is still 27 days left of the fundraising (via Mike Terry, WOR iog via DXLD)

** OKLAHOMA. Hobart --- LOGO: 1420 KTJS Great Plains Country

I heard what I think was KTJS 1420 on Mar 22, 1656 UT, from my car radio, parked outside the NW Oklahoma City public library (QTH EM15EO). SIO 343 in English. Country song playing that I havenít heard in ages, ìAll my old flames, have new namesî by ???, but I had to step into the library to pick up my son from tutoring so I couldnít stick around to catch a station ID. When I got back all I heard was dead air on 1420. 18 minutes later, at 1712 (a few miles away, at a QTH of EM15EP), I heard a bit more music but still no positive ID. My assumption is that this is KTJS as it is the only country radio station I could find that would be likely to be heard in this area on 1420. But according to Radio-locator, this is outside of what they project as being the ìfringe range.î I wish I could have confirmed this one for sure.

http://blog.jmb.mx/index.php/2018/03/23/kg5jst-radio-listening-logt-march-22-23-2018-utc/

(James Branum, KG5JST Radio Listening Log, March 22-23, 2018, UT. Unless otherwise noted, my QTH is EM15ep in the Deer Creek area of far Northwest Oklahoma City, Oklahoma County, Oklahoma, USA. My listening equipment is most often a Tecsun PL-310 ET, but I also sometimes use my Yaesu FT-817, my TIVDIO V-115, my Radio Shack 2000669, as well as AM/FM car radios. My favorite antenna is my MFJ-1988-T multiband

backpacker antenna, but many of my receptions are with the stock antenna only or an attached random long-wire, WOR iog via DXLD)

No doubt it`s KTJS, the closest groundwave station, which I could barely hear daytime in Enid if it weren`t for the spur from 1390 KCRC hetting upon it. I wonder if James could hear that? (gh, DXLD)

** OMAN. 15140, Radio Sultanate of Oman; 1447-1503+, 3/20; M&W with English/Arabic lesson using theme of aches, pains, injuries, etc.; 1457 program close with peppy bumper; ìWe are more than just music.î; Oman Facebook & Instagram spots; 1500 continued in English with DJ chatter opening with a reggae tune. SIO=353- with QRN waves; suddenly noticeably better at 1454. Not heard previous day (Harold Frodge, Midland MI, USA, Drake R8B + 185' RW, ----- All logged by my ears, on my receiver, in real time & without the aid of a computer! -----, DX LISTENING DIGEST)

** PALAU [and non?]. 9965, March 24 at 1419, gospel huxtress referencing Hebrews XI:5-6, mostly in slow English, S9+10/20 plus some hum. This is so strong it should be domestic site, but only 9965 station listed is T8WH, and Aoki shows the 1415-1430 Saturday-only segment is Music, 100 kW at 318 degrees, not even remotely USward. Since it`s World Harvest Radio, conceivably they could have put a WHRI SC transmitter on 9965 instead, maybe backup if Angel 5 over there be down.

9965, March 25 at 1254, big mess here, S9 signal(s) of two gospel huxters in English mixing. World Harvest Radio could be running both T8WH and WHRI? Or T8WH is getting a double-audio satellite feed from South Bend. 1259 the weaker one outros as `Christ Gospel Broadcast`, from Jeffersonville IN; while the overstation advertises World Vision (frequently done by WHR at breaks), and then T8WH ID from this one. Can`t make out whether the LeSEA understation mentions WHRI. Another possibility is that whichever transmitter(s) be involved, ID for the wrong one, i.e. everything out of South Bend so even WHRI could be radiating a T8WH ID! See my yesterday`s report of 9965 so strong it could be WHRI instead of T8WH off the side. At 1302 only one gospel huxter is audible at S9+10. At 1415, praise music, VG S9+10. I never noticed any SAH which would be the case for two separate transmitters unless precisely synchronized in frequency.

9965, Monday March 26 at 1422, nothing here, unlike Sat & Sun from T8WH and/or WHRI; despite HBN registered available daily until 1430 (Glenn Hauser, OK, DX LISTENING DIGEST)

** PAPUA NEW GUINEA. 3260: see BOUGAINVILLE [and non]

** PERU. 1610 kHz, Radio El Sol - Arequipa / Peru (X Band DX) A ˙nica

emissora Peruana operando na X Band. Coment·rios por locutor na voz de homem e m˙sica tradicional Peruana. SINPO 34222 em 0953 UT Dia 23 MarÁo 2018
https://youtu.be/ZKJDdDiFUMI
RX: Yaesu FRG 8800; Antena: Beverage simples (DXer: Daniel Wyllyans - SÌtio Estrela do Araguaia - Nova Xavantina - Mato Grosso - Brasil, Hard-Core-DX mailing list via DXLD)

** PERU. 5025. R. QUILLABAMBA. Marzo 22. 1100-1122 UT. Noticias sobre la renuncia del Presidente de Per˙ y el proceso de vacancia, junto a las posiciones de las bancadas polÌticas. SINPO: 45444.

5025. R. QUILLABAMBA. Marzo 24. 2314-2330 UT. Hombre habla en espaÒol acerca de la semana santa y luego m˙sica catÛlica, adem·s del recuerdo acerca del Domingo de Ramos. SINPO: 45444 (Claudio Galaz, RX: Tecsun PL 660; ANT: Dipolo; QTH: Ovalle, IV RegiÛn, Chile, HCDX via DXLD)

** PERU. 5980. R. CHASKI. Marzo 16. 0000- UT. IdentificaciÛn como: ìRed Radio Integridadî, hasta las 0001. SINPO: 44444, el QRM de R. Rumania Intl, tanto de la seÒal de intervalo como del comienzo del servicio en espaÒol, no es fuerte, permitiendo comprobar la salida del aire en este horario.

5980. R. CHASKI. Marzo 20. 2325-2359 UT. IdentificaciÛn como: ìRed Radio Integridadî. Luego espacio de m˙sica. A las 2330: ìMomento decisivoî acerca del horror del pecado. A las 2359, identificaciÛn como: ìRed Radio Integridadî y salida del aire. SINPO: 55444, desde las 2357 con SINPO: 45444 debido a la seÒal de intervalo de Radio RumanÌa Intl, en la misma frecuencia.

5980. R. CHASKI. Marzo 21. 2330-2359 UT. Programa ìMomento decisivoî. A las 2359, identificaciÛn como: ìRed Radio Integridadî y salida del aire. SINPO: 35333 con leve saturaciÛn de audio, aunque con marcado ruido en la banda de 49 metros.

5980. R. CHASKI. Marzo 24. 2333-2359 UT. Programa ìJungla sem·nticaî hasta las 2350, luego m˙sica. SINPO: 25322, desde las 2352 con SINPO: 35333, a las 2358 horas con SINPO: 45444, luego salida del aire (Claudio Galaz, RX: Tecsun PL 660; ANT: Dipolo; QTH: Ovalle, IV RegiÛn, Chile, HCDX via DXLD)

5980, March 26 at 2355, JBA carrier from R. Chaski, no longer blocked by Romania in DRM or AM, as it had been for the past 5 months when it was closing down at 2330. In the meantime, Claudio Galaz in Chile reported it was staying on another half hour. So I`m all set to clock the exact autocutoff time in order to make future comparisons and calculations about how the timer is slipping. For a few years prior, I had been following that at an average rate of 6.7 seconds later per

noctem. There it goes! Off at 0000:34* by when it has become UT March 27.

24 hours later I`m on it again: March 27 at 2343 the JBA carrier, and this time it cuts off at 0000:32* March 28, which is 2 seconds *earlier* than last night. So something has changed. We`ll see how it goes periodically for any pattern from now on. BTW, altho no co-channel QRM, noise level went up circa 0000, apparently from 5970 WEWN, with the dirty sidebands, if not also from 5990 CRI via Cuba (Glenn Hauser, OK, WORLD OF RADIO 1923, DX LISTENING DIGEST)

** PHILIPPINES. FILIPINAS. 15190. Mar 23, 2018. 1907-1920, Radio Pilipinas, Tinang-PHL, em Tagalog. ConversaÁ„o entre a locutora e um cidad„o filipino; 1917 Locutor fala, ID. Emissora com pobre difus„o nesta frequÍncia, no dia de hoje e, tambÈm, a propagaÁ„o desfavor·vel, 35322 (DXer: JosÈ Ronaldo Xavier, Local da escuta: Cabedelo-PB, Brasil, Receptor: Tecsun S-2000. WOR iog via DXLD)

** PHILIPPINES. PBS, R. Pilipinas A-18 from IBB schedule in HFCC: via 250 kW Tinang 1 site:

0200-0330 ``Filipino``
12010 283 degrees
15640 270
17820 315

1730-1930 ``English``
 9910 283
12120 283
15190 283
(Glenn Hauser, WORLD OF RADIO 1923, DX LISTENING DIGEST)

Hmmmm. When I listened to them March 20th on 12120 kHz at 1815 UT, they were in Tagalog with usual spattering on English words. Not heard today thru RTTY. 73 (Mick, Sherwood Park, AB, Delmage, WOR iog via WORLD OF RADIO 1923, DXLD)

Hi Glenn and Mike, Mike, you are right. Do they really intend to change the following long standing language schedule?
0200-0300 had been in English
1730-1930 had been in Filipino
Needs to be monitored to confirm which is accurate.

Article about the differences between Tagalog and Filipino - https://www.smartling.com/blog/tagalog-filipino/
I tend to use both without any distinction between them.

Also 12010 (0200-0330) would be a change from the recent (heard March

14) 17700, which I observed to have their strongest signal and // to much weaker 15640 // 17820 (Ron Howard, CA, WOR iog via WORLD OF RADIO 1923, DX LISTENING DIGEST)

** PHILIPPINES [and non]. VATICAN, Final day of Radio Veritas Asia via SM di Galeria, March 24
1430-1457 11630 SMG 250 kW / 089 deg SoAs Urdu, from March 25 9610 PUG
1500-1557 15620 SMG 250 kW / 107 deg N/ME Filipino, March 25 11675 PUG
http://swldxbulgaria.blogspot.bg/2018/03/final-day-of-radio-veritas-asia-via-sm.html
(Ivo Ivanov, SWLDXBulgaria News, March 23-24, WOR iog via DXLD)

** PHILIPPINES. Unscheduled frequency of Voice of America via Tinang, March 26
1200-1300 9320 PHT 250 kW / 021 deg EaAs Korean, weak, instead of 7540
http://swldxbulgaria.blogspot.bg/2018/03/unscheduled-frequency-of-voa-in-korean.html
(Ivo Ivanov, SWLDXBulgaria News, March 26, WOR iog via DXLD) see USA

** ROMANIA. 9610, March 23 at 2025, operatic solo, soon Spanish announcement mentioning ``rumano``, so obviously RRI as scheduled 20-21 via Tsiganeshti.

5980, March 24 at 0024, I happen to hear the same music, i.e. the next RRI Spanish broadcast via Galbeni. Both of these have only one more day before the skedshuffle, or maybe zero days for 5980 depending on time of day UT March 25 they enact A-18 usage. I can hardly wait to again have a shot at Radio Chaski now until 0000v*

5975-5980-5985, March 24 at 2302, weak DRM noise still here, i.e. RRI English hour. From A-18 tomorrow, changes to 2200 on 7315 and 9760; to western Europe but about the same azimuth as to North America east. Will one be in DRM? Neither listed as such, but 5980 was supposed to be in AM too.

9760, March 25 at 2203, poor AM signal in English from RRI new A-18 frequency and time. What about the other frequency to Europe, now 7315? JBA AM carrier there, so apparently not DRM. In the B-17 season, its predecessor 5980 was also supposed to be AM, but after a few days of indecision, stuck with unscheduled DRM. This hour has two other AM frequencies, to FE, 7325 & 9620, ex-7325 & 9790 until yesterday at 23. See also CUBA

11910, March 26 at 1409, German talk, which means it can`t be DW whose SW services have contracted to these still strategic? languages only: Amharic, Hausa, Swahili, Dari, Pashto. Quoting a DW performance and strategy report, Kai Ludwig says weekly audiences even of those remaining are in the single digits (of what, total population of

target countries? Adults? Those with any radios?). Anyhow, this hour is A-18 scheduled as RRI, 300 kW, 300 degrees from Tsiganeshti, which means it`s also aimed at North America beyond, propagation permitting, and it is, fair S9-S7.

9760 // 7315, March 26 at 2158, RRI IS poorly preceding English hour, both in AM, not DRM (Glenn Hauser, OK, DX LISTENING DIGEST)

** ROMANIA. Reception of IRRS EGR/UN Radio via ROU RadioCom, March 18:
1030-1300 9510 SAF 100 kW / 300 deg to WeEu English Sun, fair signal,
0930-1200 9510 SAF 100 kW / 300 deg to WeEu English Sun from March 25
http://swldxbulgaria.blogspot.bg/2018/03/reception-of-irrs-egrun-radio-via-rou_18.html

Reception of IRRS Radio City via ROU RadioCom on March 24
0900-1000 9510 SAF 100 kW / 300 deg to WeEu German Sat, poor & weak,
0800-0900 9510 SAF 100 kW / 300 deg to WeEu German Sat from March 31
http://swldxbulgaria.blogspot.bg/2018/03/reception-of-irrs-radio-city-via-rou_24.html
(DX RE MIX NEWS #1065 from Georgi Bancov and Ivo Ivanov, March 24, 2018, WOR iog via DXLD)

** RUSSIA. Good signal of GTRK Adygeya/Adygeyan Radio, March 23
1800-1900 on 6000 ARM 100 kW / 188 deg to CeAs Adygeyan Fri:
Summer A-18 sked of GTRK Adygeya/Adygeyan Radio from March 25
http://swldxbulgaria.blogspot.bg/2018/03/good-signal-of-gtrk-adygeyaadygeyan_24.html
(Ivo Ivanov, SWLDXBulgaria News, March 23-24, WOR iog via DXLD)

Fair to good signal of GTRK Adygeya / Adygeyan Radio Mar 26
1800-1900 on 6000 ARM 100 kW / 188 deg to CeAs Adygeyan/Arabic/Turkish Mon
http://swldxbulgaria.blogspot.bg/2018/03/fair-to-good-signal-of-gtrk-adygeya.html
(Ivo Ivanov, SWLDXBulgaria News, March 26-27, WOR iog via DXLD)

** RUSSIA. 7345, NVK Radio Sakha, Yakutsk, eQSL card received in 11 days for a reception report send to nvk-qsl@mail.ru Reception report sent in English and translated to Russian with google translate.

"QSL to Manuel MÈndez
Date 13-02-2018, Time 0445 UTC, Frequency 7345 kHz
Thank you for listening to NVK Radio Sakha
http://nvk-online.ru/
73's" (Manuel MÈndez, Lugo, Spain, March 24, WOR iog via DXLD)

[and non-log]. 7295, Radio Sakha, via Yakutsk. A change in scheduling! Now with abbreviated schedule! Recently only noted *0900-1000*; not being heard 1100+, 1200+, nor up till 0500*. Looks like this needs

more monitoring to find out just what is happening here. Glad to learn that Manuel MÈndez, Dave Valko and Jerry Berg all have received their eQSL from this station. Send reception reports to nvk-qsl @ mail.ru (Ron Howard, Asilomar State Beach, CA, March 24, EtÛn E1, antenna: 100' long wire, WOR iog via DXLD)

** RUSSIA [and non]. DTV - DIGITAL TELEVISION IN THE WEST OF THE NOVGOROD REGION CONTINUES TO MALFUNCTION DUE TO THE FLIGHTS OF NATO AIRCRAFT

In Batetsk and Solets districts of the Novgorod region, there are again failures in the work of on-air digital television. In communities devoted to radio communications, failures are associated with visits by NATO's long-range radar detection aircraft.

The branch of FSUE "Main Radio Frequency Center" in the North-West Federal Okrug "Novgorod.ru" confirmed the information on the occurrence of radio frequency interference at 3.38 GHz and reported that Roskomnadzor set a task to determine their source.

Recall, for several weeks, residents of the western regions of the Novgorod region report the unstable operation of on-air digital television. The last time problems were observed two days ago, during the visit of the aircraft LX-N90448 of the long-range radar detection aircraft Boeing E-3F "Sentry".

The Boeing E-3F "Sentry" aircraft are designed to more accurately determine the position of enemy aircraft and operational guidance of fighters at distant (over-horizon) distances. The basis of the AWACS complex is a powerful radar with a circular view, the antenna of which is located in the fairing, in the upper part of the fuselage.

The total power of the AWACS power generators is 1 MW, the range of detection of bomber-type aircraft is 520 km, the detection range of low-flying small-scale targets is 400 km, the target detection distance above the horizon is 650 km.

The distance from the patrol area in Estonia to the ground station RTRS-1 in the village of Novo Ovsino is 270 km.
https://news.novgorod.ru/news/163466.html
https://vk.com/club59176345
(via Rus-DX 25 March via DXLD)

** RUSSIA. ---------- DEMOLITION OF THE UNFINISHED TV TOWER IN YEKATERINBURG CAN BE SEEN ONLINE

The unfinished TV tower in Yekaterinburg will be demolished on Saturday, March 24, from 9 am to 11 pm local time. The demolition

process can be observed online from anywhere in the world. According to JustMedia, with the participation of the "Silver Rain" radio station, a broadcast was organized from several cameras, which can be viewed right now while the preparatory work is underway.

Destroy the tower plan by making 2 directed blasts. Before the demolition in Yekaterinburg, the streets near the tower will be blocked and the underground work from the station "Area 1905" to "Botanical" is suspended. In addition, residents of nearby houses and employees of nearby organizations will be evacuated, including the Yekaterinburg Circus and the museum park "Russia is My Country". On the beginning of the demolition of residents warn the sirens.

More information:
http://www.cableman.ru/content/snos-nedostroennoi-telebashni-v-ekaterinburge-mozhno-budet-uvidet-onlain

The construction of a television tower in Yekaterinburg in the height of 361 meters began in 1983 and lasted for several years, but in 1991 due to interruptions with financing it was frozen. Currently, the height of the unfinished tower is almost 220 meters, - this is the tallest building in Yekaterinburg. Various projects have been proposed for its use, but none of the ideas have been implemented. Instead, RTRS plans to build a new TV tower in another district of Yekaterinburg - the project has already received approval of the examination.
http://www.cableman.ru/content/snos-nedostroennoi-telebashni-v-ekaterinburge-mozhno-budet-uvidet-onlain
https://vk.com/club59176345

EKATERINBURG, March 24. / TASS /. The unfinished TV tower, the construction of which was stopped in the last year of the existence of the USSR, was dismantled in Yekaterinburg. As the correspondent of. Tass, a special net was mounted around the tower to prevent the scattering of fragments.

The tower fell exactly along the trajectory, without deviations. Currently, a large dust cloud is observed at the site of the fall. Before the demolition of the television tower several metro stations were closed, several streets were cordoned off. residents of nearby houses were evacuated.

Earlier it was reported that on Friday, March 23, three unidentified men broke through the security posts on the TV tower and climbed up. After 10 hours they went down, one of them was hospitalized with a broken leg. Several people were detained while trying to penetrate the facility.

Advertisement 16 About television tower

The unfinished TV tower 220 meters high is located in the center of Yekaterinburg and is one of the most famous objects of the city. It was planned that it would become the second tallest in Russia (after the Ostankino TV tower) and all city tele-radio communications will be transferred there. Construction began in 1983, actively went on until 1989, and in 1991 it was frozen due to lack of funds.

Ekaterinburg TV tower. Dossier

Previously, the entrance to the tower was free, extremals, paratroopers, adolescents climbed on it by internal structures and external staircases. It is known about several fatal accidents, when people broke from a height. Now the entrance to the site is prohibited and protected. During this time, the TV tower was planned to create a cultural and educational center, an observation deck, a world center of composers, an art object.

In 2013, the long construction was excluded from the list of federal strategic facilities and transferred to the ownership of the Sverdlovsk region. The property fund of the region in early 2017 put up a television tower and an adjacent land plot for auction with an initial price of almost 653 million rubles. Further it became known that the privatization of the television tower was canceled. It was decided to dismantle the facility and build in its place the ice arena of the Ural Mining and Metallurgical Company (UMMC).
http://tass.ru/obschestvo/5062198
(all via Rus-DX 25 March via DXLD)

TV BETONSCHAFT MAST IN EKATERINBURG GESPRENGT.

Nicht nur bei uns werden Radiomasten umgelegt. Der Mast sollte mal das zweit-hˆchste Geb%ude der UdSSR mit 361m Hˆhe werden.
<https://www.youtube.com/watch?v=c0f4fylZJIs>
<https://www.youtube.com/watch?v=Q_WGaYQkhL8>

translate into English, by Google
<https://www.kommersant.ru/doc/3584321>
<http://tass.ru/obschestvo/5062198>
<http://tass.ru/ural-news/5060511>
<http://tass.ru/ural-news/5051165>
<http://tass.ru/ural-news/4869511>
<http://tass.ru/ural-news/4421684>
<http://tass.ru/proisshestviya/5058485>
<https://phototass4.cdnvideo.ru/width/744_b12f2926/tass/m2/uploads/i/20180321/4668523.jpg>
<https://cdn1.tass.ru/width/744_b12f2926/tass/m2/uploads/i/20180112/4629668.jpg>

<https://cdn2.tass.ru/width/744_b12f2926/tass/m2/uploads/i/20170718/4530537.jpg>
<https://phototass1.cdnvideo.ru/fit/816x458_7de8e174/tass/m2/uploads/i/20180323/4669982.jpg>
<https://cdn3.tass.ru/fit/816x458_7de8e174/tass/m2/uploads/i/20180323/4670355.jpg>
<https://cdn1.tass.ru/fit/816x458_7de8e174/tass/m2/uploads/i/20180323/4670353.jpg>
<https://cdn4.tass.ru/fit/816x458_7de8e174/tass/m2/uploads/i/20180323/4669981.jpg>
<https://cdn2.tass.ru/fit/816x458_7de8e174/tass/m2/uploads/i/20180323/4669983.jpg>
<https://cdn1.tass.ru/fit/816x458_7de8e174/tass/m2/uploads/i/20180323/4670354.jpg>

https://www.youtube.com/watch?v=KWwZ2G-N7M4
https://www.youtube.com/watch?v=c0f4fylZJIs
nach 7 Sekunden
<https://www.youtube.com/watch?v=sAXSC-jozd0>
nach 21 Sekunden
<https://www.youtube.com/watch?v=dNqf3dXteCM>
nach 26 Sekunden
<https://www.youtube.com/watch?v=NV9_jXLmPpA>
<https://youtu.be/zF4cVA11Owg>
nach 02:50
<https://www.youtube.com/watch?v=G8iMucatAJ0>
und heute um 07z, still ruht der 'mast'
https://www.youtube.com/watch?v=EJRdQGI1t0w
(Wolfgang B¸schel, March 25, DX LISTENING DIGEST)

** RUSSIA. Vladimirskaya oblast. --- In the Vladimir region, 37 unregistered radio electronic means were found, which did not have permission to use radio frequencies. In Vladimir, illegal base radio stations were found in the hotel "Zarya". All of them are confiscated. In general, this check was conducted by FSB officers in order to search for devices that interfere with emergency, dispatching, aviation services, government and military institutions. The operation to identify illegal radio stations was called "Ether" and was conducted from February to March 2018. Ilya Bevis, progorod33.ru
http://onair.ru/main/enews/view_msg/NMID__68652/
(via Rus-DX 25 March via DXLD)

Zarya also name of super-long MW transmitting antenna (gh, DXLD)

** RUSSIA. Moscow --- Since March 28, Radio Radonezh has stopped broadcasting at 612 kHz. It's strange, they close the Moscow frequency, but how about 20 million listeners who live in the Moscow region as well. After all, coverage of VHF broadcasting is not very large.
http://www.radioscanner.ru/forum/topic30247-324.html
(via Rus-DX 25 March via DXLD)

** RWANDA [non]. Re 18-12, 15240 UGANDA [non] --- Now correct on the blog PlayDX: Radio Itahuka 15420 kHz. Thanks a lot (Giampiero

Bernardini, playdx yg via DXLD)

** SAIPAN. 12140.034, March 25 at 1324, S7-S5 of Khmer, which is IBB at 1230-1330 due west, plus 1330-1400 Myanmarianese. This site typically significantly off-frequency (Glenn Hauser, OK, DX LISTENING DIGEST)

** SAO TOME. 6020, March 21 at 0620, VOA French is S9 to S9+10 but barely modulated; scheduled as 0530-0630 M-F, 100 kW at 335 degrees, favorable for us.

6080, March 21 at 0621, VOA English is also undermodulated, but a bit better than 6020; also Pinheira, 0600-0700 daily, 100 kW ND (Glenn Hauser, OK, DX LISTENING DIGEST)

** SERBIA [and non]. BBC NEWS SERBIAN DIGITAL SERVICE GOES LIVE

The BBC News Serbian (BBC News na srprskom) digital service is now live with the launch of its website, bbc.com/serbian - as well as its Twitter and Facebook feeds.

Belgrade-based BBC News Serbian delivers exclusive content that contextualises world events for the region ñ and puts regional developments in a global perspective.

Underpinned by the BBCís global newsgathering network, the digital service uses modern storytelling techniques to produce social-media-friendly journalism and innovative video content. The service will offer its Serbian-speaking audience around the world balanced, fair and accurate news and reporting ñ be it politics, business, technology, lifestyle, health or culture.

The insights and expertise of BBC News Serbianís journalists will also enrich the BBCís coverage of the region.

BBC News Serbian is the last of the 12 new language services launched as part of the expansion of the BBC World Service ñ its biggest since the 1940s. The expansion, which is funded through a grant from the UK Government, also includes the enhancement of some existing services.

The BBC News Serbian Editor, Aleksandra Niköic, has held leading positions in international and Serbian media before joining the BBC. She says: ìWe will be using innovative formats to bring our users the global content that is relevant to them and that helps them make sense of the world. And we want to hear the voices of people in Serbia and the wider region, as well as Serbian-speakers around the world, to bring the Serbian story to the BBCís international audience.î

BBC News Serbian is part of the BBC World Service Europe Region which also offers content in Russian, Ukrainian and Azerbaijani. BBC World Service Europe Region Senior Editor, Artyom Liss, adds: ìThe launch of BBC News Serbian is a milestone for us. Supported by the entire global team of BBC News, BBC News Serbian will be an innovator in the market, offering unique content in a modern and engaging manner.î

BBC News Serbian content is also available via the following popular websites: B92, Danas and Naslovi in Serbia; Kameleon in Bosnia and Herzegovina; and Vijesti in Montenegro. Ends//

For more information, please contact:
BBC World Service Group Communications - lala.najafova@bbc.co.uk

Notes to editors:
The BBC attracts a weekly global news audience of 346 million people to its international news services including BBC World Service, BBC World News television channel and bbc.com/news.

BBC World Service delivers news content around the world, on radio, TV and digital, reaching a weekly audience of 269 million. As part of BBC World Service, BBC Learning English teaches English to global audiences. The BBC World Service Group operates around the world in 42 languages, on radio, TV and digital (BBCWS PR via Dr Hanshoerg Biener and gh, DXLD)

** SOMALILAND. 7119.997, SOM, Somaliland, Hargeysa Radio station, S=8-9 signal at 0400 UT, 2 male talk program. Morning 0400-0440 UT log March 25, stations noted on remote SDR unit at Doha Qatar, Middle East [selected SDR options, span 12.5 kHz RBW 15.3 Hertz] (Wolfgang B¸schel, df5sx, wwdxc BC-DX TopNews March 25, dxldyg via DX LISTENING DIGEST)

** SOUTH AFRICA. 15235, Channel Africa at 1747 UT March 23 in English with their "Africa Digest" program to sign off announcements at 1754, then an African tune to transmitter off at 1756. Excellent. 73 (Mick Delmage, Sherwood Park, Alberta, Rx: Perseus SDR, Ant: Wellbrook ALA 100 loop antenna, WOR iog via DXLD)

** SOUTH AFRICA. SENTECH A18

Broadcaster	Start	End	kHz	kW	Azim	Days	Target Area	Language
AWR	1700	1730	9600	250	19	1234567	East Africa	Swahili
AWR	1730	1800	9600	250	19	1234567	East Africa	Masai
BBC	0400	0500	6190	100	20	1234567	East Africa	English
BBC	0500	0600	9645	250	7	6	East Africa	Kirundi

BBC	0500	0600	11945	250	5	6	East Africa	Kirundi
BBC	0500	0600	12095	250	19	1234567	East Africa	English
BBC	0530	0600	9645	250	7	7	East Africa	Kirundi
BBC	0530	0600	11945	250	5	7	East Africa	Kirundi
BBC	0600	0700	12095	100	335	1234567	West Africa	English
BBC	0700	0730	15490	250	340	1234567	West Africa	French
BBC	0700	0800	15400	250	330	1234567	West Africa	English
BBC	1200	1230	17765	250	340	1234567	West Africa	French
BBC	1330	1400	15420	250	7	6	Somalia	Somali
BBC	1400	1430	15310	250	328	12345	West Africa	Hausa
BBC	1400	1500	15420	250	32	12345 7	East Africa	Somali
BBC	1400	1600	15420	250	32	6	East Africa	Somali
BBC	1500	1600	12095	250	19	1234567	East Africa	English
BBC	1600	1700	9410	500	19	1234567	East Africa	English
BBC	1630	1700	11660	250	5	12345	East Africa	Kirundi
BBC	1700	1800	9410	500	20	1234567	East Africa	English
BBC	1800	1830	5930	250	76	1234567	Indian Oc.Isles	French
BBC	1800	1830	6180	100	35	1234567	Somalia	Somali
BBC	1800	1830	7245	500	342	1234567	West Africa	French
BBC	1800	1830	7265	100	30	1234567	Somalia	Somali
BBCW	0500	0600	3255	100	Omni	1234567	Southern Afr	English
BBCW	0500	0600	6190	100	15	1234567	Southern Afr	English
BBCW	0600	0800	6190	100	Omni	1234567	Southern Afr	English
BBCW	0600	0800	7445	100	15	1234567	Southern Afr	English
BBCW	1600	2000	3255	100	Omni	1234567	Southern Afr	English
BBCW	1600	2000	6190	100	15	1234567	Southern Afr	English
Channel Africa	0300	0600	3345	100	5	12345	Southern Afr	English
Channel Africa	0400	0500	6180	250	19	12345	East Africa	English
Channel Africa	0600	0700	11925	250	315	12345	West Africa	English
Channel Africa	0600	0800	7230	100	5	12345	Southern Afr	English
Channel Africa	0800	1200	9625	100	5	12345	Southern Afr	English
Channel Africa	1200	1300	9625	100	5	12345	Southern Afr	Chinyanja
Channel Africa	1300	1400	9625	100	5	12345	Southern Afr	Shilozi
Channel Africa	1400	1500	9625	100	5	12345	Southern Af	Portuguese
Channel Africa	1500	1600	9625	100	5	12345	Southern Af	English
Channel Africa	1500	1600	11880	250	5	12345	East Africa	Swahili
Channel Africa	1600	1700	15235	250	328	12345	West Africa	French
Channel Africa	1700	1800	11745	250	328	12345	West Africa	English
DW	0630	0700	15200	250	330	1234567	West Africa	Hausa
DW	1000	1100	17710	250	7	1234567	East Africa	Swahili
DW	1325	1530	17840	250	328	6	West Africa	Hausa
Sonder Grense	0000	0600	3320	100	275	1234567	N. Cape	Afrikaans
Sonder Grense	0600	0700	7285	100	275	1234567	N. Cape	Afrikaans
Sonder Grense	0700	1500	9650	100	275	1234567	N. Cape	Afrikaans

Sonder Grense	1500	1700	7285	100	275	1234567	N. Cape	Afrikaans
Sonder Grense	1700	2400	3320	100	275	1234567	N. Cape	Afrikaans
SARL	0800	0900	7205	100	Omni	7	Southern Afr	English
SARL	0800	0900	17760	250	19	7	East Africa	English
SARL	1630	1730	3230	100	Omni 1		Southern Afr	English
VOA	1400	1500	15460	500	20	67	East Africa	Kirundi
VOA	1530	1600	17700	500	340	12345	West Africa	Hausa
VOA	1630	1700	11910	100	15	12345	East Africa	English
VOA	1700	1730	6080	100	335	1234567	West Africa	English
VOA	1730	1800	11720	100	15	12345	East Africa	Oromo
VOA	1830	1900	11780	500	352	12345	West Africa	Kirundi

Monday 1Ö.Tuesday 2Ö.Wednesday 3.....
SARL = South African Radio League
(via Alokesh Gupta, [realigned by gh for] DXLD)

** SOUTH CAROLINA [non]. 9330.309v-CUSB, March 26 at 1415, Brother Scare via WBCQ, always off-frequency, now has a het from 9330.0 to contend with as I expected, since TWR India via ARMENIA is now here at 1300-1450. It`s too weak to separate even by LSB tuning, and it seems there is also some residual modulation from the LSB of WBCQ (Glenn Hauser, OK, DX LISTENING DIGEST)

** SOUTH CAROLINA. Brother Stair Makes The Daily Mail

INSIDE THE OVERCOMER MINISTRY

EXCLUSIVE: Inside the sex cult where rapper Craig Mack died - run by porn-obsessed pedophile who molested a mother AND her daughter and is known as 'Satan in the flesh'

DailyMailTV has uncovered a litany of allegations against Ralph Gordon Stair, the leader of Overcomer Ministry - where Craig Mack was a member

Mack, 46, a rapper who rose to fame with his 1994 hit, 'Flava In Your Ear,' died from heart failure earlier this month

The church, which is alleged to be a 'sex cult' is set on 130 acres in Canadys, South Carolina, but Mack did not live on its compound

Interviews with former members have revealed the 84-year-old 'prophet' was an alleged serial rapist and pedophile who infected victims with STDs

One woman recalled how he instructed her friend on how to induce a

miscarriage when she feared she was pregnant with his child

Documents obtained exclusively by DailyMailTV show Stair was also charged with illegally moving and burying the body of a two-month-old boy

By Laura Collins In Walterboro, South Carolina, For Dailymail.com
Published: 14:38 EDT, 27 March 2018 | Updated: 16:04 EDT, 27 March 2018 [includes videos and documents]

409 shares 54 View comments

As a prodigy of Sean 'P Diddy' Combs who signed him to his Bad Boy label along with hip hop legends like Notorious B.I.G and a young Jay Z, Craig Mack lived out the nineties in heady rapper style with an excess of everything: expenditure, partying, sex, drugs and guns.

But years of hard living took its toll an the New York native who never matched the success of his 1994 platinum selling hit, 'Flava In Your Ear.' In failing health, he faced his own mortality with a growing sense that the way he was living was sinful and shallow.

When he heard about Overcomer Farm and Ministry - set on 130 acres of South Carolina - he thought he'd found his sanctuary. He could not have been more wrong.

Because, in a bizarre turn of events, when Mack died of heart failure last week, aged just 46, he did so having bound himself to a sordid cult on the cusp of implosion and run by a man described by one pastor as a 'dog' and one victim as 'Satan in the flesh.'

Today, a DailyMailTV investigation exposes a litany of allegations leveled against Overcomer's leader, Ralph Gordon Stair.

Interviews with former members and a study of court documents reaching back decades have revealed the self-styled 'Prophet,' 84-year-old Stair, to be a serial sexual assaulter, alleged rapist, and pedophile who infected his victims with STDs and instructed one girl on how to induce a miscarriage when she feared she was pregnant with his child.

Rapper Craig Mack, 46, was a member of Overcomer Ministry at the time of his death earlier this month
Mack (pictured with singer Pharrell) who rose to fame with his 1994 hit, 'Flava In Your Ear,' died of heart failure on March 12 [caption]

Ralph Gordon Stair has been accused of running a cult at Overcomer Ministry and Farm which is set on 130 acres in Walterboro, South Carolina. Mack did not live on its compound

They have painted a picture of an isolated and oppressed community, utterly dependent on Stair for the most basic provisions, and shamed and manipulated by the unscrupulous preacher addicted to pornography and accused of defrauding some members out of life savings to the tune of hundreds of thousands of dollars.

More shocking still, records show that Stair was implicated in the suspicious death of one adult member of his congregation and charged with illegally moving and burying the body of a two-month-old boy whose death 'by violent means' he did not report.

The baby was believed by many who were present at the time to have been fathered by Stair himself.

Stair is currently awaiting trial on three counts of criminal sexual misconduct in the first degree, kidnapping, burglary, assault with intent to commit criminal sexual misconduct, and criminal sexual misconduct with a minor.

He was arrested in December; just two months after Colleton County investigators launched a probe into Stair when YouTube footage emerged showing the preacher touching and cupping a 12-year-old girl's breasts during a worship service.

Stair can be heard saying 'I'm going to touch them things until nobody else can touch them.'

Investigators were also alerted to a second video in which 16-year-old Natosha Lehr accused Stair of repeatedly sexually assaulting her over a five-month period before she fled the farm - a cult compound by any other name.

As the sheriff's department investigation continued it grew to include agents from the State Law Enforcement Division, FBI, and Department of Homeland Security.

Incident reports viewed by DailyMailTV detail a horrifying history of alleged sexual assaults reported by at least 13 individuals and dating back to 1992.

DailyMail.com has uncovered the litany of allegations leveled against Stair - who has been accused of sexually assaulting his parishioners on the compound over two decades

Former members have painted Stair as an unscrupulous preacher addicted to pornography and accused of defrauding some members out of life savings to the tune of hundreds of thousands of dollars. He is

currently on house arrest at the farm while he awaits trial

Stair is currently awaiting trial on three counts of criminal sexual misconduct in the first degree, kidnapping, burglary, assault with intent to commit criminal sexual misconduct, and criminal sexual misconduct with a minor

Ralph Stair mugshot

One woman recalled how, in the winter of 1992, Stair called her into his office to sign some paperwork. She reported, 'R Stair pushed her back against his desk and groped her.

'He shoved his hand under her skirt and began to touch her breasts. He then pressed his legs between her legs, forcing her to spread her legs. He forcibly pulled her panties down... touched around her genitals [and] attempted to pull his own pants down.'

Fearing she was about to be raped the victim managed to fight him off and flee.

Another told how Stair entered her trailer and raped her more than 35 times between January 1998 and June 1999 - ejaculating on her stomach and telling her she had 'made a man of God happy.'

Another told how Stair began 'constantly harassing' her for sex last spring. On one occasion she stated that he, 'touched her vaginal area over her clothes while stating, 'I know how you black girls are, thick and creamy.'

She gave into Stair's demand that she perform oral sex on him as he threatened she would have to leave the property. He then 'penetrated her vaginally with his penis' and asked if he could 'put his seed in her,' but did not ejaculate.

That victim's teenage daughter was also assaulted by Stair who grabbed her breast under her shirt and asked her, 'Do you miss me?'

It is a phrase that sends a chill through one former cult member who claims to have suffered years of sexual assault and rape at Stair's hands.

Speaking on condition of complete anonymity the woman who has since left the community recalled how that question - 'Do you miss me?' - is one she will forever associate with Stair.

She said, 'He would squeeze your waist and pat your butt and come up so close and ask, "Do you miss me?"

'I never missed him. Nobody missed him. Nobody wanted that old man.'

The woman, who entered Overcomer when she was around 12 years old and stayed nine years, was an incredibly naÔve 16-year-old when Stair first started making advances towards her.

She said: 'In the whole time we were there I went out of the farm only four times. We didn't watch TV, didn't have access to information. I was schooled on the farm so I didn't get sex-education.

Documents obtained by DailyMail.com reveal Stair has been hit with numerous charges of criminal sexual conduct, kidnapping, burglary, assault and battery

A County of Colleton indictment shows Stair assaulted a female victim between January and August 2001

In 2002 he was charged with unlawfully burying the body of a young boy who had come to a 'violent death'

'I remember Stair used to preach to the girls that the soldiers would come and they would rape us all. I didn't know what rape was but I knew it sounded bad and like it would hurt.

'And he would say, "I'm going to tell you sisters what can spare you all. You just stay still. You don't do nothing. You don't fight 'em. You just stay still."

'So that's what was in my head - that's how you survive, you just freeze.

'We didn't know who "the soldiers" were. Turned out it was Stair.'

The first time he molested her, she recalled, he cornered her in a little storeroom they called the 'inner sanctum' when she was reaching for a can of peach punch mix.

She said: 'I'd got on the chair to pull the can down from the shelf when I heard a sound, like you know the sound shoes make on concrete sometimes? I thought it somebody trying to scare me?

'So I got down from the chair and was getting reading to turn the light off and he comes in.

'He said, "I got you now," real low and mean. "I got you now."

'I froze. He started rubbing my breasts, he's rubbing down there and

I'm back up against the shelves and I'm just frozen and he kissed me right here on the side of my lips and then he patted my butt and said, "That feel good?"

Stair left leaving her in shock to continue about her chores. The life she recalled in the church was menial and repetitive: prayers at 7am, then breakfast, then cleaning, tending to the garden, farming and cooking.

From that day on she was aware of his eyes following her and it filled her with dread. She said, 'I made sure I was never walking alone, I hid from him, literally hid if I could if I saw him coming.'

But one day he caught up to her as she walked home after reading to his young daughter as she did most nights.

She said,' He was standing there across my path. He'd said to me so often, "I'm going to get you."

Her voice breaking with emotion she continued, 'He got me that night. It was in a vacant trailer. I was a virgin. After, he told me that if I told anybody we would both get into trouble.

What appears to be a greenhouse can be seen through the trees of Overcomer Farm located in Canadys, South Carolina. One ex-parishioner said life in the church consisted of: prayers at 7am, then breakfast, then cleaning, tending to the garden, farming and cooking

One woman recalled how, in the winter of 1992, Stair called her into his office to sign some paperwork. She reported, 'R Stair pushed her back against his desk and groped her. Above an old man can be seen working on the Overcomer Farm

Records show that Stair was implicated in the suspicious death of one adult member of his congregation. Above one woman is seen working on the farm

'The next day he came up to me and said, "Are you hurting?" I said, "Yes. I'm stinging down there?" He said, "Did you bleed a little bit?"

'And I thought, "oh my gosh this man really is a prophet because how would he know I'm bleeding? Nobody knows that but me. I didn't know that being a virgin that would happen.

'It was so cruel, so cruel.'

She was raped more than 20 times after that she said and believed for some time that she was alone in her suffering.

Then one day she found her friend weeping inconsolably on her bed and she knew that her friend was also was being raped by Stair.

She said, 'We came up with a nickname for him. We called him "Chaser" because he was always lurking and following us.'

'I had nightmares about that man chasing me, for years and years. Even after I was married I'd wake up in a cold sweat and my husband would hold me and tell me, "You're safe."

'I didn't tell him what had happened for maybe two years. Because they weren't dreams, they weren't what I was afraid would happen. They were nightmares about what had already happened to me.'

During her time in the cult she recalled outbreaks of what she now believes to be venereal diseases as many girls broke out in painful sores on their mouths and genitals.

She also recalled a friend who believed she had become pregnant by Stair. She said: 'He didn't want it. He made her get into a tub of hot Epsom Salts water - as hot as she could stand - to make her miscarry.'

But by the mid to late nineties Stair's behavior at the community he founded in the early eighties, had begun to arouse suspicion in a neighboring Pastor, David Roberts, who now runs his own spiritual community in Jefferson County. The two churches would occasionally come together for social gatherings and more and more Pastor Roberts knew something was not right.

No Trespassing signs are clearly displayed around the entrance of Overcomer Farm

One woman alleged Stair raped her more than 20 times and believed for some time that she was alone in her suffering. But she later learned her friend was a victim and other women venereal diseases as many girls broke out in painful sores on their mouths and genitals

A Donation Shelter is located just outside of the entrance to Overcomer farm. Inside of the shelter are various items and those items have been separated into different categories

Eventually, one of Stair's victims confided in Roberts who, incensed, confronted Stair in a meeting of the elders and demanded that he confess before his church.

Mike Rowland, a former church member and still a preacher now living in Kansas, was at that meeting.

He told DailyMailTV how he was filled with rage and disbelief as Stair attempted to pass his crimes off by saying he had sinned but that God had forgiven him, claiming that wild spirits had overtaken him.

He said, 'What I couldn't believe was that they were of a mind to protect Stair. I said we have to go to the outside on this, we have to take this to the authorities and they shouted me down, they shut me down.

'So I just held my peace and let them think I was going along with it all and then I went straight out of that farm to the sheriff's office and reported it.

'They told me they'd heard this sort of thing for years but there was nothing they could do unless the girls came forward.'

But that meeting back in 2001 was enough to start a process of exposure that has brought Stair and the Overcomer community to where they are today.

People started asking questions and investigators started looking more closely at Stair and his fellowship. They were informed that a child had been born, died, and buried on the property and that Stair had not alerted the authorities.

Rowland recalled: 'Stair had been using the wife of one of the men and she got pregnant. He didn't want it.'

According to documents seen by DailyMailTV the child was barely two months old when he died.

Stair was charged in 2002 with the unlawful removal of the child's body and that, some time between February 1 and February 11, 1994 he, 'did unlawfully bury the body ofÖ a person supposed to have come to a violent death, before notice to the coroner to examine the body and before inquiry was made into the manner and circumstances of the death.'

Shockingly, that case was never processed in return for Stair pleading guilty to two other cases brought against him at that time.

Investigators had interviewed two women who pressed rape charges for assaults that took place between 1997 and 1999 and in 2001.

Stair pleaded guilty to the lesser charge of aggravated assault and battery and of taking 'indecent liberties' with the women.

Stair's wife, Teresa, stood by her husband at the time publicly stating that her husband had sinned but that the women were willing participants.

She has since left Stair and the farm.

One member said Stair had a band of loyal followers who, if they had to, would obey him over the president, but former church member Mike Rowland said Stair was more of 'drooling old man'

Stair (pictured) managed to obtain such a hold on his followers. Ex member Mike Rowland said, 'At first he seemed like a good man. He was charismatic. I thought he was a real man of God. He had the right phrases, the right promises.'

Stair (pictured) managed to obtain such a hold on his followers. Ex member Mike Rowland said, 'At first he seemed like a good man. He was charismatic. I thought he was a real man of God. He had the right phrases, the right promises.'

Stair (pictured right) persuaded many in his church to sign over all their wealth to him

Speaking to DailyMailTV, one of those women told of her anger and dismay that, as a result he was, 'given a slap on the wrist and let go.'

He was sentenced to 30 days in county jail, less time served, both sentences to run concurrent.

She said: 'The people who were meant to protect us and defend us let us down. They did nothing. They let him go back to the farm and carry on.'

Mike Rowland too was sickened by the outcome. He lived in the community for six years and left when Stair's crimes became public knowledge but he had long been disturbed by Stair's behavior and some of the things he witnessed while there.

He recalled: 'There was the mysterious death of Brother Simon. He had gone to Nigeria on a mission and after only 30 days he came back sick.

'He had a fever. I found him one day running around the driveway in a circle about ten feet across. Something seemed wrong with his brain.'

But rather than seek medical help, Stair insisted Brother Simon be left alone. According to Rowland his breathing became so labored one of the community tried to construct a makeshift oxygen mask to help

him breath.

Rowland said: 'After days of starvation in his sickness, Wayne passed. Stair gave the order to bury him and did so in a wooden box make from lumber in the yard.

'Stair also told the whole group not to contact Wayne's family because that would stir up questions and our community needed to just live in peace and the world would only cause us trouble.'

According to Rowland, Stair was later forced to exhume Douglas's body for proper burial.

Reflecting on how Stair managed to obtain such a hold on his followers Rowland said, 'At first he seemed like a good man. He was charismatic. I thought he was a real man of God. He had the right phrases, the right promises.

'He'd come up learning from the great preachers - he worked for AA Allen and observed it all.'

Allen presented himself as a 'healing evangelist.' He attracted huge congregations - at one time he had a tent that housed 22,000 - and solicited millions of dollars in donations.

In a similar fashion Stair persuaded many in his church to sign over all their wealth to him.

Rowland said: 'He pleads poverty, asks for donations, but he's got a huge amount of money. He's got complete control over people in there - they have nothing, he threatens to throw them off the property and where will they go?

'You see him these days and he's a drooling old man whose losing his mind and whose sexual perversions that were once hid have come to the surface. But he wasn't always like that.

'He asserted control and what he built was a lawless community in which he can do whatever he pleases.'

Someone like Craig Mack, Rowland said, simply wasn't to know the dark truth that Stair and, he said, some of his preachers, worked hard to conceal.

He said: 'He just saw what I did at first - a farm, a place to make amends, to get away from a sinful life.

'He came with money so Stair would have smoothed his entrance and let

him walk straight in which you couldn't usually do. He wasn't to know what was really going on.

'And Stair had plenty who would protect him when they should have been protecting those sisters.'

One of Stair's victims agreed that hard as it may be to fathom, to Stair's dwindling loyal followers, 'He is their leader. They would obey him over President Trump if they had to.'

When DailyMailTV visited Overcomer Farm, Stair looked more the 'drooling old man' of Rowland's description than a god.

He has an electronic tag and cannot leave the property nor is he allowed to be in the proximity of anyone under the age of 18 and where he once invited media onto his land to dismiss allegations of wrongdoing, these days calls to the ministry go unanswered.

Stair is due in Colleton County Court in Walterboro on Friday March 30. According to one of the women who suffered at his hands she will be praying that day - not for his soul or to find any forgiveness in her own. She will be praying for the justice that Stair has eluded, and his victims denied, for decades.

The comments below have been moderated in advance.

Sick n tired, Gold coast, Australia, about 2 hours ago
Americans have been so brain washed about religion, most but not all. Think for yourselves!!

samisoul, Berry, United States, about 2 hours ago
How can the other preachers live with themselves after covering up the rapist. How can police let this go on for years? How can the prosecutor sleep at night making a deal with that monster. How can the judge give him a short sentence. How can the laws we have not have protected these children.

thomas a hughes, Nashville, United States, about 2 hours ago
As if we needed more proof that religion is the scourge of the Earth.

BigGirlsDontLie, Fat City, United States, about 2 hours ago
Jimeny Cricket! I just threw up a little in my mouth...

Dani, London, United Kingdom, about 2 hours ago
So Mack didn't live there ..... so why mention it?

Small Town Gal, Small Town, United States, about 2 hours ago
Every adult in this compound should be charged. They knew what was

going down.

BruteForce, London, United Kingdom, about 2 hours ago
Notice all the men in these cults universally repulsive? Without a fake religion they would all be paying for it! God bless the feeble minded girls stupid enough to fall for it!

TiffanieMcMillan, CT, United States, about 2 hours ago
What did Crain Mack get himself into???

SweetMagnolia, Southernmost, United States, about 2 hours ago
Somebody PLEASE pass me a bucket I can vomit in! What a disgusting story from beginning to end!

Heather, Lancashire, United Kingdom, about 2 hours ago
He needs expelling from the human race. I know that there are ømenø out there, committing their obnoxious and foul deeds but I have to ask - do ømenø like him make you feel ashamed to call yourselves ømenø?

View all

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(via Brock Whaley, DXLD)

Even if exaggerated above story, it`s beyond me how anystation can justify keeping this creature on their air (gh, DXLD)

** SPAIN. 9690, March 21 at 2054, REE switches from Castilian to Catalan, in item about choosing presidential candidates; anchor (?) hastens to voice over the brief actuality into Castilian. 15390 BTW is still distorted. Of course, REE does not have any deliberately scheduled broadcasts in Catalan --- years ago there was a 5?-minute newscast along with Basque and Galician (Glenn Hauser, DX LISTENING DIGEST)

ESPANHA. 15390. Mar 23, 2018. 1935-1945, Radio Exterior da Espanha, Noblejas-E, em Espanhol. Vozes masculinas apresentam e comentam jogo

de futebol, ao vivo, que iniciar-se·· dentro de poucos instantes: Alemanha x Espanha. Voz feminina, tambÈm; ID. REE com Ûtimo sinal e modulaÁ„o prejudicada por problema no transmissor - um forte apito agudo e continuo.

15390. Mar 24, 2018. 1516-1530, Radio Exterior da Espanha, Noblejas-E, em Espanhol. Locutor entrevista uma atriz espanhola sobre uma peÁa de teatro em exibiÁ„o em Madrid e apresenta um trecho gravado da peÁa em apreÁo; ID. REE com Ûtimo sinal esta tarde, sem o ruÌdo contÌnuo, porÈm com a modulaÁ„o prejudicada pelo ·udio distorcido, 45533 (DXer: JosÈ Ronaldo Xavier, Local da escuta: Cabedelo-PB, Brasil, Receptor: Tecsun S-2000. WOR iog via DXLD)

9690, March 24 at 2302, REE in sign-off routine with all that satellite info, 2303 earworm IS, 2305 to dead air ---- and stays open carrier past 2341, and still past 0051 March 25, somewhat weaker. Now I am quite sure the unID OC/DA I had all night early UT March 24 on 9690 was REE failing to turn off the transmitter! Glad I caught it now, since this was the last day for 9690, resuming 17855 for North America from March 25 at 1400-2200. REE has never caught on that for an 8-hour broadcast into our daytime, they should not do it all on one frequency band. Averagely, that will mean much better reception in our mornings, worse in afternoons, probably outfading by 2200 (at least until real summer), so if they forget and also leave 17855 on all night, it will be harder to detect (Glenn Hauser, OK, DX LISTENING DIGEST)

{repair work at REE Noblejas site: the cleverness skill of the RTV technicians is much limited, wb.} (Wolfgang B¸schel, March 23, BC-DX via DXLD)

17855, March 25 at 1408, JBA carrier from REE on reactivated for A-18 North American frequency, from earlied opening weekends at 1400 --- not really propagating, too high vs ex-9690 which was too low (at least India has no CCI from it now). Maybe conditions will improve during the day and during the season. Deep North Americans must listen instead to reactivated 15520, which is poor with music at S3-S5, but at 1414, fair-good S9-S8 in Spanish. It`s our best bet, on the 110-degree ME azimuth, directly opposite from 17855 at 290. At 1408 I also hear a rough carrier on 15390, which was REE`s defective transmitter for B-17, but now not supposed to start until 1800 on 161 degree beam across Africa, with 21620 instead at 14-18 weekends, and which if on, would be totally useless here. Yes, recheck at 1707 finds 17855 now in well, MUF has built up, much better than 15520. Now, will it hold up until 2200*? Sunset in Toledo (near Noblejas) is 1933 UT today. And will the carrier stay on all night like it did on 9690?

[non]. 17855, March 25 at 1845, no signal from REE, which had been

arriving well enough at last check 1707. Still pre-sunset at site, but MUF dropping or just off? Only significant signal on band is 17640 Madagascar WV at S7, which always enjoys the trans-equatorial advantage (Glenn Hauser, OK, DX LISTENING DIGEST)

ESPANHA. 15390. Mar 26, 2018. 2013-2022, Radio Exterior da Espanha, Noblejas-E, em Espanhol. LocuÁ„o masculina; 2015 Uma breve pausa musical e continua a fala. Emissora com bom sinal, um ruÌdo contÌnuo e ·udio bastante distorcido, 45332.

15520. Mar 26, 2018. 2022-2030, Radio Exterior da Espanha, Noblejas-E, em Espanhol. Locutor faz uma entrevista com um cidad„o espanhol sobre a poluiÁ„o dos oceanos e, em particular, das praias espanholas, especialmente pelas partÌculas pl·sticas; ID. Emissora com Ûtima difus„o nesta frequÍncia, 45554. Escuta paralela por 17855kHz, sign-off!

17715. Mar 26, 2018. 1830-1840, Radio Exterior de Espanha, Noblejas-E, em Espanhol. Time pips, ID. Locutor e locutora apresentam o notici·rio em "Cinco Continentes" - notÌcias nacionais e internacionais. REE com excelente sinal e modulaÁ„o, em Cabedelo, 55555. Nota: Em certos e raros momentos, ainda percebe-se uma leve distors„o no ·udio! (DXer: JosÈ Ronaldo Xavier, Local da escuta: Cabedelo-PB, Brasil, Receptor: Tecsun S-2000. Nestas escutas estou seguindo o HFCC A18 Global HF Schedule, WOR iog via DXLD)

17855, March 26 at 2147, no signal from REE on the North American beam as 2200* approaches; presumably because of no propagation. This more than two hours after sunset at Noblejas. Staying on 9690 would have worked fine at this hour (Glenn Hauser, OK, DX LISTENING DIGEST)

** SRI LANKA. 11905, March 26 at *0114:19 carrier on from SLBC, but can`t hear any prÈlude or mis-timesignal nor any sound in the next two minutes; just too weak or not modulating? (Glenn Hauser, OK, DX LISTENING DIGEST)

** SUDAN [non] & SUDAN SOUTH [non]. Radio Tamazuj and Radio Dabanga

Radio Tamazuj (pronounced "Tamazik") and Radio Dabanga are sister stations run by Free Press Unlimited in The Netherlands and broadcasting to South Sudan and the southern states of Sudan and the Darfur region of Sudan, respectively. According to the WRTH, each has two broadcasts (morning and afternoon) every day of the week, one station following the other on the same frequencies. Although both stations broadcast primarily in Arabic, one can frequently hear English on Radio Tamazuj as English is not uncommon in South Sudan. It is, in fact, the official language of the country.

The B17 schedule according to WRTH (and not agreeing with HFCC listings) is (nominal start and stop times):

Radio Tamazuj
0330-0430 7315(SMG), 15550(MDC)
1430-1530 15550(ISS)
1430-1500 13800(SMG)
1500-1530 13800(MDC)

Radio Dabanga
0430-0500 7315(SMG), 15550(MDC)
1530-1630 15550(SMG)
1530-1600 13800(SMG)
1600-1630 13800(MDC)

I have been monitoring the afternoon broadcasts for the past couple of weeks or so using the U. Twente SDR receiver and previously reported on observations on the 15550 kHz frequency. Strangely, the afternoon broadcasts on 13800 kHz (but not on 15550 kHz) switch between the two transmitters (SMG and MDC) each half hour. What's the reason for this, I wonder? Both transmitter sites surely have enough capacity to handle a continuous one-hour transmission. As a result, you typically have one transmitter signing on with a carrier over-riding the other transmitter suppressing its audio or with periods of silence between the switch over. And sometimes I have observed there are problems with one of the transmitters coming up and so there are sometimes extended gaps between parts of the broadcasts. Although not in the target area, the U. Twente SDR receiver typically provides good reception of the 13800 kHz signals with the MDC signal usually better as SMG is rather close to Twente and beaming in the opposite direction.

It will be interesting to see how things are handled with these two stations in the A18 scheduling beginning tomorrow (-- Richard Langley, March 24, WOR iog via DXLD)

Yesterday's (Monday, 26 March) monitoring/recording of the afternoon broadcasts of Radio Tamazuj and Radio Dabanga:

The B17 frequency of 15550 kHz continues but 13800 kHz switches to 15150 kHz. The Radio Tamazuj program is now only a half hour with a nominal start time of 1500 UT. Radio Dabanga follows with an hour-long program. Audio on the two frequencies is parallel within a couple of seconds or so.

At least two transmitter sites are involved. It is not clear which transmitters are using which frequencies at which times. HFCC shows for A18 only MDC registered for use of 15150 kHz and only SMG for 15550 kHz at the broadcasts times but there are clear transmitter

changes between programs on both frequencies. Perhaps those familiar with the sounds of particular transmitters and/or precise frequency measurements might help. Times below are based on deduced timings in the audio recordings.

15150 kHz:
1459:54 Transmitter on. Slight splash heard from Oman wideband signal on 15140 kHz.
1500:07 Audio begins. Radio Tamazuj. Low modulation initially; improves to normal level about 20 seconds later; good signal
1527:00 Audio ends.
1527:19 Transmitter off.
1528:48 Second transmitter on.
1529:08 Audio begins. Radio Dabanga. Weaker signal. Heavy splash from Oman. Need to switch to USB.
1626:59 Audio ends.

15550 kHz:
1459:02 Audio begins. Radio Tamazuj. Weak signal. Couldn't tell from recording when transmitter powered on and off.
1527:03 Audio ends.
1528:49 Second transmitter on.
1529:11 Audio begins. Radio Dabanga. Much better signal.
1626:59 Audio ends. And transmitter off a few seconds later.
(-- Richard Langley, March 27, WOR iog via DX LISTENING DIGEST)

From this afternoon's (Tuesday, 27 March) broadcasts using the U. Twente SDR receiver in AMSync mode:
1500 15150.003 kHz R. Tamazuj S9+20dB
1530 15149.999 kHz R. Dabanga S8-S9
1500 15549.999 kHz R. Tamazuj S6-S7
1530 15549.999 kHz R. Dabanga S9
Frequencies close to spot on (-- Richard Langley, NB, WOR iog via WORLD OF RADIO 1923, DX LISTENING DIGEST)

** SWAZILAND [and non]. TRANS WORLD RADIO - MANZINI, SWAZILAND

Tentative BROADCAST SCHEDULE A2018, 25th March 2018 to 27th October 2018

TIME/UTC	DAY SMTWTFS	LANGUAGE	FREQ	PWR	ANT	AZI	Target Zone
0300-0330	1234567	Shona	3240	50	6	3	Zimbabwe
0330-0345	1234567	Ndau	3240	50	6	3	Zimbabwe
0500-0600	1 7	English	3200	50	9	233	South Africa
0430-0600	23456	English	3200	50	9	233	South Africa
0500-0700	1 7	English	4775	50	4	233	Southern Afric

0430-0700	23456	English	4775	50	4	233	Southern Afric
0601-0700	1234567	English	6120	50	4	233	Southern Afric
1400-1415	1234567	Urdu	15360	100	103	43	Pakistan
1420-1435	23456	Lomwe/Port	7315	100	11	5	N Mozambique
1420-1450	1	Makua (WoH)	7315	100	11	5	N Mozambique
1455-1525	23456	Malagasy	9585	100	3	64	Madagascar
1455-1525	1 7	French	9585	100	3	64	Madagascar
1420-1455	1234567	English	6025	50	6	3	Zimbabwe
1455-1525	1234567	Shona	6025	50	6	3	Zimbabwe
1525-1555	23456	Shona	6025	50	6	3	Zimbabwe
1557-1627	23456	KiRundi	15105	100	10B	13	Burundi
1630-1645	3	Shangaan	3200	50	6	3 S	Mozambique
1630-1645	7	Portuguese	3200	50	6	3 S	Mozambique
1630-1645	12	Amharic	9500	100	10B	13	Ethiopia
1630-1645	3	Oromo	9500	100	10B	13	Ethiopia
1630-1700	45	Oromo	9500	100	10B	13	Ethiopia
1630-1645	67	Kambaata	9500	100	10B	13	Ethiopia
1645-1700	234	Oromo/Borana	9500	100	10B	13	Ethiopia
1645-1700	67	Hadiya	9500	100	10B	13	Ethiopia
1645-1700	1	Oromo	9500	100	10B	13	Ethiopia
1700-1730	123456	Amharic	9500	100	10B	13	Ethiopia
1700-1715	7	Amharic	9500	100	10B	13	Ethiopia
1715-1800	7	Oromo	9500	100	10B	13	Ethiopia
1730-1800	23456	Oromo	9500	100	10B	13	Ethiopia
1730-1800	1	Amharic	9500	100	10B	13	Ethiopia
1800-2015	1234567	English	1170	100	MW	ND	SwaziWoHope
2015-2115	1234567	Zulu	1170	100	MW	ND	Swaziland
2115-2200	1234567	Shona	1170	100	MW	ND	Swazi In Touch
1802-1832	23456	English	9500	100	10B	13	East Africa
1832-1847	23456	Juba Arabic	9500	100	10B	13	East Africa
1834-1849	1	Swahili	9500	100	10B	13	East Africa
1802-1902	7	English	9500	100	10B	13	East Africa
1700-1730	1234567	Yawo	7300	100	11	3	Malawi/N Moz
1745-1815	23456	Swahili(Neno)	9475	100	11	5	East Africa
1745-1800	7	Turkana	9475	100	11	5	East Africa
1800-1815	7	Swahili	9475	100	11	5	East Africa
1745-1800	1	Swahili	9475	100	11	5	East Africa
1820-1850	23456	Umbunbu	6130	100	1	312	AngTTBUmbundu
1850-1905	123456	Umbundu	6130	100	1	312	AngYevaOndaka
1850-1905	7	Chokwe	6130	100	1	312	Angola
1905-1920	23	Portuguese	6130	100	1	312	Angola
1905-1920	4	Luchazi	6130	100	1	312	Angola
1905-1920	5	Luvale	6130	100	1	312	Angola
1905-1920	6	Fiote	6130	100	1	312	Angola
1905-1920	7	Umbundu	6130	100	1	312	AnYevaOndaka
1905-1920	1	KiKongo	6130	100	1	312	Angola
1920-1950	23456	Portuguese	6130	100	1	312	Angola TTB
1920-2005	7	Portuguese	6130	100	1	312	Angola

1920-1935	1	Kuanyama	6130	100	1	312	Angola
1950-2005	23456	Kimbundu	6130	100	1	312	Angola
1935-2005	1	Portuguese	6130	100	1	312	Angola
1905-1935	1234567	Lingala	9940	100	101	343	D R Congo
1935-1950	1234567	French	9940	100	101	343	D R Congo

Notes: The morning Shona block to start at 0300 UT ñ 5 minutes later
Evening Zimbabwe block changes from 7300 to 6025 kHz.
Morning English ñ frequency change is at 0600 UT from 3200 to 6120
The Southern Moz block changes to the 3200
The evening Ethiopia block changes from 11660 to 9500 kHz.

Other TWR Africa SW Broadcasts
Tentative BROADCAST SCHEDULE A2018
25th March 2018 to 27th October 2018

TIME/UTC	DAY SMTWTFS	LANGUAGE	FREQU	AZI	Reception Area	Station
0320-0330	23456	English	1556		Nigeria/Ghana	W Af
0330-0430	23456	Hausa	1556		Nigeria/Ghana	[BENIN]
0345-0430	1 7	Hausa	1556		Nigeria/Ghana	
0430-0500	7	English	1556		Nigeria/Ghana	
0430-0500	23456	Igbo	1556		Nigeria/Ghana	
0500-0530	23456	Twi	1556		Nigeria/Ghana	
0500-0515	7	Twi	1556		Nigeria/Ghana	
0515-0530	7	Ewe	1556		Nigeria/Ghana	
0530-0545	23456	English	1556		Nigeria/Ghana	
1730-1745	1234567	Fongbe	1556		Benin/Nigeria	
1745-1821	1234567	English	1556		Nigeria/Ghana	
1821-1855	1234567	Yoruba	1556		Nigeria	
1855-1910	1234567	Hausa/Kanuri	1556		Nigeria/Ghana	
1910-1925	1234567	Fulfulde/Kanuri	1556		Nigeria/Ghana	
1925-1940	1234567	Various	1556		Nigeria/Ghana	
1940-2010	1234567	Fon/Fulfulde	1556		Nigeria/Ghana	
2010-2025	1234567	SIM/Various	1556		Benin/Nigeria	
2025-2215	1234567	French/Various	1556		Benin/Togo	
0330-0345	45	Sidamo	9655	225	Ethiopia	DHA
0330-0345	12 6	Amharic	9655	225	Ethiopia	DHA
0330-0345	3	Oromo	9655	225	Ethiopia	DHA
1300-1315	1 567	Afar	17680	250	Ethiopia	DHA
1630-1700	1234567	Somali	11780	160	Kenya/Somali	KCH
1800-1830	1	Kunama	9940	157	Eritrea	KCH
1800-1830	7	Tigre	9940	157	Eritrea	KCH
1800-1815	2345	Tigrinya	9940	157	Eritrea	KCH
1815-1845	23456	Tigrinya	9940	157	Eritrea	KCH

Updated 14th February 2018

Notes: Morning block to Ethiopia is on 9655 kHz.
The Eritrea block goes from 7245 to 9940 kHz.
The Somali block changes from 15105 to 11780 kHz.

12 February 2018 jgb
Reception reports to : lstavrop@twr.org
--- (via Alokesh Gupta, March 23, New Delhi, DXLD)

** TAIWAN. RTI CUTS JAPANESE SERVICE IN A18 --- According to the announcement of Radio Taiwan International, their Japanese service will be cut to only 1 time 1 hour a day in A18. In B17 they broadcast 4 times 4 hours a day at 0800-0900 11605, 1100-1200 9735, 1300-1400 9735, 2200-2300 9735. Only the 1100-1200 broadcast will remain. They recommend to receive on internet
http://japanese.rti.org.tw/
instead of shortwave (Takahito Akabayashi, Tokyo, Japan, March 22, DX LISTENING DIGEST)

This morning, I didn`t hear RTI English on 7445 (1100-1200), nor did I hear RTI Chinese (1200-1300) or the CNR1 jamming. 73 (Rick in AZ Barton, March 26, DX LISTENING DIGEST)

TAIWAN A18 ENGLISH CUTS --- Taiwan A18 is now available at
http://english.rti.org.tw/listening/?recordId=2
only broadcasts at 0300 UT on 15320 & 1600 UT on 9405. Broadcasts at 1100 on 7445 & 11600 and 1500 on 11685 not listed any more.

Radio Taiwan International | Listening | Frequencies
english.rti.org.tw
(Peter W Hansen, March 25, WOR iog via WORLD OF RADIO 1923, DXLD)

Summer A-18 cuts of Radio Taiwan Int from March 25
Radio Taiwan Int in Japanese/Russian/French from March 25:
http://swldxbulgaria.blogspot.bg/2018/03/summer-18-cuts-of-radio-taiwan.html
(Ivo Ivanov, SWLDXBulgaria News, March 22-23, WOR iog via DXLD)

More A-18 cuts of Radio Taiwan Int from March 25
Summer A-18 of Radio Taiwan Int in English from March 25:
http://swldxbulgaria.blogspot.bg/2018/03/more-18-cuts-of-radio-taiwan-int-from.html
(Ivo Ivanov, SWLDXBulgaria News, March 25, WOR iog via DXLD)

** TAIWAN [non]. 11530. Mar 25, 2018. 0020-0100, Radio Taiwan Internacional, Okeechobee-FL, em Espanhol. Aula de ChinÍs-Mandarim; 0025 Patricia Lyn apresenta "Uma canÁ„o, duas interpretaÁıes" - uma melodia e duas interpretaÁıes diferentes; ID, POBox e e-mail; 0035

Programa "El Cartero": ´ltimo programa de RTI em Ondas Curtas, dedicado aos ouvintes e suas correspondÍncias; Um espaÁo dedicado aos ouvintes mais ativos de RTI; Despedidas de alguns dos apresentadores da RedaÁ„o Espanhola de RTI; 0158 ID e final da ediÁ„o. RTI com Ûtima difus„o, hoje, por 11530 kHz, 45554 (DXer: JosÈ Ronaldo Xavier, Local da escuta: Cabedelo-PB, Brasil, Receptores: Sony SW100 & Tecsun S-2000, WOR iog via WORLD OF RADIO 1923, DXLD)

11530, March 27 at 0019, WRMI no longer on the air, as RTI has canceled several broadcasts including this Spanish one (Glenn Hauser, OK, DX LISTENING DIGEST)

** TAIWAN. 6230, Sound of Hope, 1026, March 25. Recently has been doing well here; in Chinese with very long monologue that went on for hours (very unusual!); still being heard at 1313; listened in LSB, to get away from VMW (Australia Weather West) in USB. Very rare that CNR1 jams SOH here, but does happen occasionally (Ron Howard, Asilomar State Beach, CA, EtÛn E1, antenna: 100' long wire, WOR iog via DXLD)

** THAILAND. NBS PRD HSK9 English A-18 from IBB schedule in HFCC:
0000-0030 15590 006 degrees to ENAm
0030-0100 15590 038 to WNAm
0200-0230 15590 006 to ENAm
0530-0600 17640 324 to Europe
1230-1300 9390 132 to SE Asia/Australia
1400-1430 9390 132 to SE Asia/Australia
1900-2000 9390 321 to Europe
2030-2045 9390 321 to Europe
(Glenn Hauser, WORLD OF RADIO 1923, DX LISTENING DIGEST)

** TIBET [non]. 9370, March 26 at 0108, VP S3 signal with music, about equal to noise level. HFCC shows it`s IBB in Tibetan via TAJIKISTAN at 01-03, but could also be ChiCom jamming if they have found it already. And why not? Both IBB and SAPPRFT participate in HFCC without overtly registering jammers (Glenn Hauser, OK, DX LISTENING DIGEST)

** TIBET [non]. UZBEKISTAN [sic] Summer A-18 of Voice of Tibet, Mar 25
http://swldxbulgaria.blogspot.bg/2018/03/summer-18-of-voice-of-tibet-from-march.html
(Ivo Ivanov, SWLDXBulgaria News, March 24-25, WOR iog via DXLD)

It`s really TAJIKISTAN, if still from DB = Dushanbe site! These usages are subject to frequent minor or major changes. If you hear Something adjacent ending in -5 or -0 it`s probably a ChiCom jammer (gh) Viz.:

Sunday, March 25, 2018 --- Summer A-18 of Voice of Tibet from March 25

UZBEKISTAN [sic] (non), Summer A-18 of Voice of Tibet, March 25
1200-1207 on 11517 DB 100 kW / 095 deg to EaAs Chinese
1207-1230 on 11507 DB 100 kW / 095 deg to EaAs Chinese

1230-1236 on 11602 DB 100 kW / 131 deg to CeAs Tibetan
1236-1245 on 11603 DB 100 kW / 131 deg to CeAs Tibetan
1245-1300 on 11607 DB 100 kW / 131 deg to CeAs Tibetan

1300-1305 on 11627 DB 100 kW / 095 deg to EaAs Chinese
1307-1315 on 11632 DB 100 kW / 095 deg to EaAs Chinese
1315-1330 on 11637 DB 100 kW / 095 deg to EaAs Chinese

1300-1305 on 9897 DB 100 kW / 131 deg to CeAs Tibetan
1305-1330 on 9898 DB 100 kW / 131 deg to CeAs Tibetan

https://www.youtube.com/watch?v=nPhyO4WnVsU&feature=youtu.be
https://www.youtube.com/watch?v=CzKnQD8cMTE&feature=youtu.be
https://www.youtube.com/watch?v=K2exP9dzZK4&feature=youtu.be
https://www.youtube.com/watch?v=lDBiwjGLHpM&feature=youtu.be
https://www.youtube.com/watch?v=xDZEQewUn9U&feature=youtu.be
https://www.youtube.com/watch?v=SuAFyoOfuWc&feature=youtu.be
https://www.youtube.com/watch?v=hAgNuP99_ik&feature=youtu.be
https://www.youtube.com/watch?v=dpgeHVQzTbE&feature=youtu.be

(??????????? ?? Observer ? 8:57 PM via DXLD)

** TURKEY. 11730, Voice of Turkey at 1748 UT March 20 in English with a readable signal through the noisy bands. Fair. 73 (Mick Delmage, Sherwood Park, Alberta, Rx: Perseus SDR, Ant: Wellbrook ALA 100 loop antenna, WOR iog via DXLD)

9830, March 24 at 2200 and later chex, no signal yet from VOT English to North America for A-18, in the last hours of B-17 (but it`s already March 25 in Turkey). After 2300 at the winter time I look for it on old 5960 and nothing there now either, nor on 9830. Did this broadcast get totally lost in the shuffle? Maybe they had changed time but not frequency, i.e. 2200 on 5960 which I am not sure I checked that early. Maybe by 0300 March 25 they`ll be on 9515, ex-0400 on 6125.

[and non]. 9830, March 25 at 2159, VOT has made the move for English to North America, ex-5960 at 2300; last bit of IS and ID loop, timesignal ending at 2200:03, only poor S4-S5 mixed with continuous RTTY co-channel, as it has been every A-season for years; altho sometimes off by 2200 or during the hour.

What is it? Quick search on 9830 at the UDXF iog gets an immediate answer: ``UNID RTTY on 9830 --- That would be NAU, Isabella [sic], Puerto Rica [sic]. NATO-75/75/850. Continuous cipher. 73 de Jim (MPJ)

By Jim #69885 3/26/16``. The VOT sign-on with English schedule also seems to have been updated for A-18, including 9830 at 22-23 for Europe (and not North America?)(Glenn Hauser, OK, WORLD OF RADIO 1923, DX LISTENING DIGEST)

9830, March 26 at *2157, VOT IS is very poorly audible for the 2200 English broadcast vs RTTY from NAU (Glenn Hauser, OK, DX LISTENING DIGEST)

Additional transmissions of Voice of Turkey in A-18, from March 25: http://swldxbulgaria.blogspot.bg/2018/03/additional-transmissions-of-voice-of.html (Ivo Ivanov, SWLDXBulgaria News, March 21, WOR iog via DXLD) Viz.:

Additional transmissions of Voice of Turkey in A-18 from March 25
0500-0555 21680 EMR 500 kW / 105 deg SEAs Bahasa Malay, B-17 on 17530
0600-0755 13765 EMR 500 kW / 210 deg CEAf Hausa/Swahili, B-17 on 15235
(??????????? ?? Observer ? 4:39 PM via DXLD)

** TURKEY. TRT will expand broadcasting in the countries of the Turkic world, the general director said. TRT Ibrahim Eren during a visit to the Baku office of the agency "Anadolu". According to him, the policy of the TRT television channel is aimed at developing relations with The Turkic and Islamic worlds. The channel intends to implement many projects that will strengthen the cultural unity between our countries, said Ehren.

The general director of the TV channel noted that TRT also plans to shoot documentary and feature films about the life of scientists who arrived in Anatolia from these countries.

The TRT Avaz TV channel is designed for the countries of the Turkic world. In 2018, we we will introduce a number of innovations on the air of the channel. We will broadcast programs from local studios and thus strengthen the unity in the field of culture in the region ", - said Ehren.

He recalled that this year marks the 100th anniversary of the creation The Azerbaijan Democratic Republic and the Caucasian Islamic Army. "We will also shoot a documentary about the Azerbaijani People's Poet Ahmed Javade, we will organize a symphony concert of 12 parts, where they will sound musical works on poems of the poet. This event will be organized either in Ankara, or in Baku, or in both cities, it will be participation of the leaders of the two countries, "said Ehren. / Agency Anadolu /
http://www.trt.net.tr/english/kul-tura-iskusstvo/2018/03/16/trt-rasshirit-vieshchaniie-v-stranakh-tiurkskogho-mira-931429
(via Dmitry Kutuzov, Ryazan, Russia / "deneb-radio-dx", via Rus-DX 25 March via DXLD)

** UGANDA [non]. USA, Good signal of Radio Munansi via WWRB Global 2 on March 24
1400-2000 on 15240 WRB 100 kW / 045 deg to ENAm Luganda Sat/Sun
http://swldxbulgaria.blogspot.bg/2018/03/good-signal-of-radio-munansi-via-wwrb.html
(Ivo Ivanov, SWLDXBulgaria News, March 24-25, WOR iog via DXLD)

15239.93, Saturday March 24 at 1526 I check for R. Munansi via WWRB as I am tuning UTwente for WORLD OF RADIO, and there it is, poor offset signal with hilife music. At 1721 on my own receiver I measure it at 15239.935, but here it`s always a JBA carrier.

15239.93 approx., Sunday March 25 at 1410, very poor off-frequency carrier from R. Munansi via WWRB (Glenn Hauser, OK, DX LISTENING DIGEST)

** U K. 9545, March 23 at 2027, very poor talk at S4, gone at 2031 recheck. Could it be Solomon Islands? HFCC registers SIBC as 20-07 UT, but until 2030 Fridays only in both seasons is also BBC Hausa via Woofferton, extended from -2000 otherdays (Glenn Hauser, OK, DX LISTENING DIGEST)

** U K [non]. OMAN, 9440even, BBC London English via Seela-Oman relay site, noted at S=9+40dB powerhouse level, 10.6 kHz wideband audio, to make a statement: excellent shortwave signal at 0312 UT (Wolfgang B¸schel, March 26 at 0245-0330 UT, taken in Doha Qatar remote SDR installation, dxldyg via DX LISTENING DIGEST)

A-18 frequency and other changes of BBC from March 25
http://swldxbulgaria.blogspot.bg/2018/03/summer-18-frequency-and-other-changes.html
(Ivo Ivanov, SWLDXBulgaria News, March 21-22, WOR iog via DXLD)

The BBCWS now has its A-18 schedule online at
http://www.bbc.co.uk/programmes/articles/2x9tqt6mc05vB2S37j8MWMJ/global-short-wave-frequencies

Comparing the BBC schedule against the HFCC registrations I find quite a few wooden registrations as well as unused alternate frequencies. For instance the Tashkent and Dhabayya listings for South Asia between 0000 and 0300 are all wooden while AíSeela is still in use. Also note that the longtime East/Southeast Asia frequency of 9740 between 1000 and 1300 has moved to 9900, although both are listed in HFCC.

Usually I make some checks of BBCWS frequencies at the beginning of the broadcast season, but the bands are pretty dead tonightóeven the usual good signals are way down (Stephen Luce, Houston, Texas, 0334 UT

March 25, WOR iog via DXLD)

Yes, but when you click on the corresponding frequency chart with transmitter details, they are still the old January charts. Good signal here in NB for BBC WS at around 2030 UT on 9410 kHz, presumably from Woofferton (Richard Langley, ibid.)

** U S A. 335 kHz, March 24 at 0348 and again at 0553, ND beacon BV. It`s an LOM at Batesville - Almond, Arkansas, per Dxinfocentre.com --- not to be confused with 336 kHz BV in Quebec - Champlain, which presumably includes a dash [see also CANADA]

326 kHz, March 24 at 0549, ND beacon MA. Listed as Midland TX, but I was tuned to 324. Nothing closer to frequency listed.

329 kHz, March 24 at 0551, ND beacon PMV, from Plattsmouth NE. Underneath is also YHN and dash, Hornepayne, Ontario. Both relogs.

353 kHz, March 24 at 0553, ND beacon LI, from Little Rock AR, but I was tuned to 351, also audible on 352.

356 kHz, March 24 at 0555, ND beacon ODX, from Ord NE, but I am tuned to 357. CCI from another beacon on exactly same frequency and pitch makes it hard to differentiate, but could not figure out its call. Closest 356 is PTT, Pratt KS (Glenn Hauser, OK, DX LISTENING DIGEST)

** U S A. 11176/USB, (Utility) Strategic Command at 1630. "Stockade" with lengthy alpha-numeric (EAM) messages. Said there was more at 1647 but then went off. Another at 1720. Mar. 22 (Rick Barton, Logs from Central Arizona, Grundig Satellit, RS SW-2000629, and HQ-180A with various outdoor wires. 73 and Good Listening....! WOR iog via DXLD)

** U S A. 14300-USB, March 26 at 0125, Judi, N6LSO in San Diego is running the Maritime Mobile Service Net, bigsig, virtually the OSOB and certainly the SSOB, as I can only hear one of her simplex contacts at all, a regular QSO chat, nothing to do with MMS, who invited her to another net on 40m, but she`s awaiting someham to put up her new antenna for that band (Glenn Hauser, OK, DX LISTENING DIGEST)

** U S A. 14322.5-USB, March 22 at 2054, not enough preachers on the SWBC bands, so here`s one on 20m; sounds like a broadcast rather than a contact, quoting a verse, and praying to a Christian god. QSX? It`s definitely not a 2-way contact except perhaps in his imagination, the out-loud supplication really a performance for those overhearing. 2055 he`s closing the ``International Bible Study Net`` as K1HV via remote AB1FF. I don`t copy the calls for sure until a real contact which follows with WA6ZMN/portable 5. K1HV is Jerry in Waverly TN; AB1FF remote transmitter is in Shirley MA.

Fuller details from ARRL lookups: K1HV: BULLOCK 216, JERRY A, K1HV, 101 BRIARWOOD DRIVE, PO Box: 37185, WAVERLY, TN 371853203. What`s with the 216 as part of his surname (3:16??). AB1FF: SEFRANEK, THOMAS C, AB1FF, 112 GREAT RD, SHIRLEY, MA 01464.

Found the website right away, and tsk2, obviously doubters and truly informed study with objective scholars are not welcome: https://internationalbiblestudynet.weebly.com/
(Glenn Hauser, OK, DX LISTENING DIGEST)

** U S A [non]. 9320, March 25 at 1253, S9+10/20 of English lesson for Koreans, obviously VOA, but NOT listed here in B-17 or A-18 HFCC schedules! Surely from Philippines or NMI site (Glenn Hauser, OK, DX LISTENING DIGEST)

** U S A [non]. Re this log: ``9320, March 25 at 1253, S9+10/20 of English lesson for Koreans, obviously VOA, but NOT listed here in B-17 or A-18 HFCC schedules! Surely from Philippines or NMI site``

Wolfgang B¸schel replied, evidently from IBB Monitoring:
``Tinang PHL 2018-03-25 12:04:31 capture: AM 9320 (PHT) VOA KORE
AM 12080 (PHT) VOA KORE
AM 9490 (TIN) VOA KORE - 1300-1500 UT, 12045 kHz instead.
AM 1188 (SEO) VOA KORE
73 wb`` (Glenn Hauser, OK, DX LISTENING DIGEST) see PHILIPPINES also

** U S A [and non]. WORLD OF RADIO 1922 monitoring; NOT confirmed at new time of 2100 UT Wed March 21 on WRMI 9955 since that transmitter is off the air. Not a total power failure as 9455, 9395 and 7780 are audible. Not until 2137 can I hear the 9955 carrier. BUT, WOR 1922 confirmed at same time of 2100 Wed March 21 on WBCQ, 7490.050, fair. Ahh, redundancy. Also confirmed Wed Mar 21 at 2330 on WBCQ 9330v-CUSB, fair. Next:

Thu 2230.5	WRMI 5850 to NW
Thu 2330	WBCQ 9330v-CUSB to WSW
Fri 2330	WBCQ 9330v-CUSB to WSW
Sat 0729	HLR 6190-CUSB to WSW
Sat 1531	HLR 6190-CUSB to WSW
Sat 1930v	WA0RCR 1860-AM ND
Sat 2130	WBCQ 9330v-CUSB to WSW
Sat 2300	WRMI 7780 to NE
Sun 0200	WRMI 7780 to NE
Sun 0310v	WA0RCR 1860-AM ND
Sun 1030	HLR 9485-CUSB to WSW [ex-1130 for DST]
Sun 2330	WBCQ 9330v-CUSB to WSW
Mon 0300v	WBCQ 5130v Area 51 to WSW
Mon 0330	WRMI 9955 to SSE, 9455 to WNW

Mon 2330 WBCQ 9330v-CUSB to WSW
Tue 0030 WRMI 7730 to WNW
Tue 2030 WRMI 7780 to NE, 9455 to WNW [or #1923?]
Tue 2130 WRMI 7780 to NE, 9455 to WNW [or #1923?]

WORLD OF RADIO 1922 monitoring: confirmed Thursday March 22 at 2230.5 on WRMI, 5850, fair and starting to lose out to daytime absorption, altho aimed NW right at us. We`ll see if it stay on the 51-meter band into summery A-18; 7570 would be preferable, abandoned along with Brother Scare. Also confirmed Thu Mar 22 at 2330 on WBCQ, 9330.3v-CUSB, fair. Next:
Fri 2330 WBCQ 9330v-CUSB to WSW
Sat 0729 HLR 6190-CUSB to WSW
Sat 1531 HLR 6190-CUSB to WSW
Sat 1930v WA0RCR 1860-AM ND
Sat 2130 WBCQ 9330v-CUSB to WSW
Sat 2300 WRMI 7780 to NE
Sun 0200 WRMI 7780 to NE
Sun 0310v WA0RCR 1860-AM ND
Sun 1030 HLR 9485-CUSB to WSW [ex-1130 for DST]
Sun 2330 WBCQ 9330v-CUSB to WSW
Mon 0300v WBCQ 5130v Area 51 to WSW
Mon 0330 WRMI 9955 to SSE, 9455 to WNW
Mon 2330 WBCQ 9330v-CUSB to WSW
Tue 0030 WRMI 7730 to WNW
Tue 2030 WRMI 7780 to NE, 9455 to WNW [or #1923?]
Tue 2130 WRMI 7780 to NE, 9455 to WNW [or #1923?]

WORLD OF RADIO 1922 monitoring: confirmed Friday March 23 at 2330 on WBCQ, 9330.273v-CUSB, good S9. Next:
Sat 0729 HLR 6190-CUSB to WSW
Sat 1531 HLR 6190-CUSB to WSW
Sat 1930v WA0RCR 1860-AM ND
Sat 2130 WBCQ 9330v-CUSB to WSW
Sat 2300 WRMI 7780 to NE
Sun 0200 WRMI 7780 to NE
Sun 0310v WA0RCR 1860-AM ND
Sun 1030 HLR 9485-CUSB to WSW [ex-1130 for DST]
Sun 2330 WBCQ 9330v-CUSB to WSW
Mon 0300v WBCQ 5130v Area 51 to WSW
Mon 0330 WRMI 9955 to SSE, 9455 to WNW
Mon 2330 WBCQ 9330v-CUSB to WSW
Tue 0030 WRMI 7730 to WNW
Tue 2030 WRMI 7780 to NE, 9455 to WNW [or #1923?]
Tue 2130 WRMI 7780 to NE, 9455 to WNW [or #1923?]
(Glenn Hauser, OK, DX LISTENING DIGEST)

GERMANY, Reception of World of Radio via HLR on 6190 CUSB, March 24

0730-0800 6190 GOH 001 kW / 230 deg to CeEu English Sat, weak to fair
0630-0700 6190 GOH 001 kW / 230 deg to CeEu English Sat from March 31
http://swldxbulgaria.blogspot.bg/2018/03/reception-of-world-of-radio-via-hlr-on_24.html
(Ivo Ivanov, SWLDXBulgaria News, March 23-24, WOR iog via DXLD)

WORLD OF RADIO 1922 monitoring: Not confirmed by me, Saturday March 24 from 1531 on HLR 6190v-CUSB, via UTwente SDR --- nothing but weak ChiCom signals mixing, not even a trace of the WOR theme; nor gh at some further chex; but heavy ACI from algo on 6195. From next week this will be at 1431 instead, and unconfirmed whether staying on 6190 or back up to 7265? HFCC A-18 shows the new CC QRM situation will be: 6190, NHK direct in Chinese at 290 degrees; 7265, Kashgar in Sinhala and also Baoji in Chinese. But summer conditions should attenuate the extra-European signals, while low intra-Europeans will also be subject to increasing absorption.

But Alan Gale, England as usual was hearing it: ``Hi Glenn, A fair signal from World of Radio on HLR today at 1530 UT on 6190 kHz CUSB. The Chinese station was a bit stronger today and noticeable in the background, but WoR won and was fully readable in spite of the QRM. The HLR signal was barely audible at all 1500, so things had improved greatly towards the end and WoR was audible right up to the sign off at 1600. 73 for now, Alan``

Confirmed Saturday March 24 at 2130 on WBCQ 9330.2v-CUSB, fair; and Sat Mar 24 at 2300 on WRMI 7780, poor. Next:

Sun 0200	WRMI 7780 to NE
Sun 0310v	WA0RCR 1860-AM ND
Sun 1030	HLR 9485-CUSB to WSW [ex-1130 for DST]
Sun 2330	WBCQ 9330v-CUSB to WSW
Mon 0300v	WBCQ 5130v Area 51 to WSW
Mon 0330	WRMI 9955 to SSE, 9455 to WNW
Mon 2330	WBCQ 9330v-CUSB to WSW
Tue 0030	WRMI 7730 to WNW
Tue 2030	WRMI 7780 to NE, 9455 to WNW [or #1923?]
Tue 2130	WRMI 7780 to NE, 9455 to WNW [or #1923?]

(Glenn Hauser, OK, DX LISTENING DIGEST)

Glenn: World Of Radio aired at 1 p.m. EDT today, [Saturday] 1700 UT. I have no idea if the program will remain at 1700 UTC when Europe begins its summer time shift (Mike Cooper, Mar 24, DXLD)

World Radio Network. Updated skeds show 1600 to North America (gh)

WORLD OF RADIO 1922 monitoring: confirmed UT Sunday March 25 at 0200 on WRMI 7780, fair. Almost confirmed, UT Sun Mar 25 at 0343 on WA0RCR, 1860-AM, MO. As `This Week in Amateur Radio` is starting, presumably

right after WOR from 0314 or so. Next:

Sun 2330 WBCQ 9330v-CUSB to WSW
Mon 0300v WBCQ 5130v Area 51 to WSW
Mon 0330 WRMI 9955 to SSE
Mon 2330 WBCQ 9330v-CUSB to WSW
Tue 0030 WRMI 7730 to WNW
Tue 2030 WRMI 7780 to NE, 9455 to WNW [or #1923?]
Tue 2130 WRMI 7780 to NE, 9455 to WNW [or #1923?]
(Glenn Hauser, OK, DX LISTENING DIGEST)

GERMANY, Reception of World of Radio via HLR on 9485 CUSB, March 25
1031-1100 9485 GOH 001 kW / 230 deg to CeEu English Sun, weak to fair
http://swldxbulgaria.blogspot.com/2018/03/reception-of-world-of-radio-via-hlr-on_25.html
(Ivo Ivanov, SWLDXBulgaria News, March 24-25, WOR iog via DXLD)

WORLD OF RADIO 1922 monitoring: I confirm on Area 51 webcast from 0302 UT Monday March 26; and very poor on WBCQ 5129.8 at 0323 check. Also confirmed on WRMI webcast at 0350 UT March 26, the Monday 0330 on 9955, which was but a JBA carrier at 0348. Next:
Mon 2330 WBCQ 9330v-CUSB to WSW
Tue 0030 WRMI 7730 to WNW
Tue 2030 WRMI 7780 to NE, 9455 to WNW [or #1923?]
Tue 2130 WRMI 7780 to NE, 9455 to WNW [or #1923?]

WORLD OF RADIO 1922 monitoring: confirmed at 2353 Monday March 26 the 2330 on WBCQ, 9330.30v-CUSB, S9+5. Also confirmed UT Tuesday March 27 after 0030 on WRMI, 7730, VG S9+20. Also confirmed Tue Mar 27 at 2030 & 2130 on 7780 & 9455, about equal fair levels, as WOR 1923 was not quite ready.

WORLD OF RADIO 1923 contents: Alaska, Albania non, Antarctica, Argentina non, Bhutan, Bougainville, Brasil, Chile, China and non, Colombia, Cuba and non, Eritrea, Ethiopia, France, Germany non, India, Iran, Japan and non, Korea North non, Korea South, Kuwait, Madagascar, Nigeria non, Norway, Per˙, Philippines, Sudan non, Sudan South non, Taiwan and non, Thailand, Turkey and non, USA, Vietnam; pirate weekend; and the propagation outlook

WORLD OF RADIO 1923 monitoring: confirmed first SW broadcast, Tuesday March 27 after 2330 on WBCQ 9330.3v-CUSB, less than one sesquihour after completion, good. Next:

Wed 1030 WRMI 9455 to WNW
Wed 2100 WBCQ 7490v to WSW
Wed 2100 WRMI 9955 to SSE [but not on air in time last week]
Wed 2330 WBCQ 9330v-CUSB to WSW

Thu 2230.5 WRMI 5850 to NW [IS CANCELED!]
Thu 2330 WBCQ 9330v-CUSB to WSW
Fri 2330 WBCQ 9330v-CUSB to WSW
Sat 0629 HLR 6190-CUSB to WSW
Sat 1431 HLR 6190-CUSB to WSW
Sat 1930v WA0RCR 1860-AM ND
Sat 2130 WBCQ 9330v-CUSB to WSW
Sat 2300 WRMI 7780 to NE
Sun 0200 WRMI 7780 to NE
Sun 0310v WA0RCR 1860-AM ND
Sun 1030 HLR 9485-CUSB to WSW
Sun 2330 WBCQ 9330v-CUSB to WSW
Mon 0300v WBCQ 5130v Area 51 to WSW
Mon 0330 WRMI 9955 to SSE,
Mon 2330 WBCQ 9330v-CUSB to WSW
Tue 0030 WRMI 7730 to WNW
Tue 2030 WRMI 7780 to NE, 9455 to WNW [or #1924?]
Tue 2130 WRMI 7780 to NE, 9455 to WNW [or #1924?]
(Glenn Hauser, OK, DX LISTENING DIGEST)

** U S A. 7490.06, WBCQ Monticello ME (presumed); 2102-2110+, 3/20 [Tuesday]; William Tell Overture intro to Allan Weiner Worldwide (Damn! I thought Jean Shepherd might be coming on.) Allan & girlfriend Angela waxing about school shootings et al. SIO=454

+++ [same] 2250, 3/20; Bro. Overfeeler talking about his end; implied heís not as good looking as he used to be (Harold Frodge, Midland MI, USA, Drake R8B + 185' RW, ----- All logged by my ears, on my receiver, in real time & without the aid of a computer! -----, DX LISTENING DIGEST)

7490.041v-AM, UT Fri March 23 at 0116, like exactly one week ago, Blalock the Blaster is on WBCQ extension past nominal 0100* and still unshown on the program guide. Could be other nights too as I have not checked them all; in addition to 0000 on 9330v-CUSB (Glenn Hauser, OK, DX LISTENING DIGEST)

Tonight's AWWW --- Show started exactly on time this evening. Trying 7490 this evening. Pirate Joe is hosting the show this evening. He opened the show by saying that he was glad he was hosting this evening as he didn't have to talk politics while hosting this show. Evidently he hasn't been listening to AWWW as of late.

Short talk about the difficulty of buying the correct electrical parts in this day and age and then played a record. After the record some talk about rebuilding a Zenith Transoceanic. He gave out the email address and phone number for his studio.

He hinted at the demise of radio as everyone seems to be riveted to their cellphones but wondered if they would ever tire of the cellphone and suggested that if they did it might cause a radio revival.

Lots of phone calls this evening. Almost sounded like the AWWWs of old. Show was off the air at 0100 (John H Carver Jr, Mid-North Indiana, March 24, DX LISTENING DIGEST)

7490+, UT Monday March 26 at 0102, there`s Blalock the Blaster. Still not on the WBCQ schedules, but `The Full Gospel Hour` seems to have a regular slot most nights now on 7490, whether or not he`s still on 9330 an hour earlier. As Matt_B commented on HF Underground: ``Whoa. Somebody get that man a straitjacket!! LOL``

9330.3-CUSB, March 27 at 0007, Alex Scourby Bible pontification, and // 5129.8 WBCQ, i.e. it`s not Blalock but the Brother Scare show, also after 0000 March 28. Have been hearing Blalock on 7490 after 0100, so it`s now evident these two have swapped but probably not every night, especially weekends. No such correct info appears on the WBCQ websked.

BTW, a new long story about The Overcomer Ministry appeared today at The Daily Mail (with video and documents), more lurid details than the other ones so far, tnx to Brock Whaley for finding it:
http://www.dailymail.co.uk/news/article-5547131/Inside-sex-cult-rapper-Craig-Mack-died-run-porn-obsessed-pedophile-Satan.html

7490, March 27 at 2340 tuneby, unknown hyper DJ on WBCQ claims to be on ``7.495``. Alan Sane is scheduled (Glenn Hauser, OK, DX LISTENING DIGEST)

** U S A. SPRING SCHEDULE CHANGES - VORW RADIO INTERNATIONAL - Newsletter 9

VORW Info <vorwinfo@gmail.com>
Fecha: 22 de marzo de 2018 11:40:42
Asunto: Spring Schedule Changes - VORW Radio International - Newsletter 9

Dear VORW Radio Listeners, Happy Spring! I hope this year of 2018 has been fine for you so far. There are many time and frequency changes with our broadcasts, please take a look at the schedules below. For your convenience, broadcast times are listed in both Eastern and UT.

Thursday:
6 AM Eastern - 1000 UT - 9455 kHz to Mexico
4 PM Eastern - 2000 UT - 7780 kHz, 9455 kHz to Europe / North America
5 PM Eastern - 2100 UT - 7490 kHz to Eastern North America
6 PM Eastern - 2200 UT - 9955 kHz, 9455 kHz to South America

[UT Fridays]
8 PM Eastern - 0000 UT - 7730 kHz, 9455 kHz to Western North America
8 PM Eastern - 0000 UT - 9395 kHz to Eastern North America
9 PM Eastern - 0100 UT - 5850 kHz, 7780 kHz to North America
9 PM Eastern - 0100 UT - 5950 kHz to Caribbean

Sunday:
4 PM Eastern - 2000 UT - 9395 kHz to Eastern North America
5 PM Eastern - 2100 UT - 7780 kHz to Europe / North America

Please send correspondence to - vorwinfo@gmail.com

If you don't have a shortwave radio to listen on that's no issue at all! You can hear VORW Radio International on Tunein Radio at 1 PM Eastern every Thursday here:
https://tunein.com/radio/WRMI-9955-s50329/

You can hear VORW Radio International on Tunein Radio at 6 PM Eastern every Thursday here:
https://tunein.com/radio/WRMI-9955-s50329/

Latest programs may be heard on-demand via SoundCloud here:
https://soundcloud.com/vorw_radio_int

If you would like to obtain a shortwave radio to listen on, please check out my recommendations at:
https://www.amazon.com/shop/thereportoftheweek

Finally, you can get VORW-related merchandise on our Teespring store:
https://teespring.com/stores/thereportoftheweek

PAYPAL Donations to fund this broadcast to E-mail:
repweekinterview1@gmail.com

Respectfully, (John VORW Radio International via Manuel MÈndez, Spain, WOR iog via DXLD) All are WRMI except 7490 WBCQ

** U S A. 9395, March 21 at 2328, M&W discussion // 9455. I`ve tuned in too late to confirm a WRMI FB notice that there is a new program at 2300-2330 M-F on 9395 (only), `Quick Study TV` with Pastor Rod Hembree, which I see has now also been added to the WRMI frequency skedgrid on 9395 (only), but not the program skedgrid. Tsk2 that so many have become so dependent on disgraced FB, even prioritizing it over own websites (Glenn Hauser, OK, DX LISTENING DIGEST) added 9455

** U S A. 9475, WTWW Lebanon TN (presumed); 1912, 3/20; Permanently Passed & Probably Putrid Pastor Pete Peters Pretentiously Preachifying

about Peace. ìIf you donít walk in faith, you walk in feelings.î (So...the faithful donít have feelings? Can you have faith and be an Overfeeler at the same time? Lots of evangelists, prophets, priests, etc. seem to be good at feeling.) SIO=453 (Harold Frodge, Midland MI, USA, Drake R8B + 185' RW, ----- All logged by my ears, on my receiver, in real time & without the aid of a computer! -----, DX LISTENING DIGEST)

5085, UT Wed March 21 at 0532, WTWW-2 is still on with ham talk, since QSO show started at 0100(?); 0612, still on. 0634 still on discussing code plugs. 1358 awake again, *still* on, discussing Virginia reel dance; 1722 still on with C&W music at S9 approaching midday. Off by final check 3 hours later at 2022.

5085, March 22 at 1427, once again WTWW-2 is running 60m in the daytime, but not some Tedthing, rather gospel huxter sure sounds like PassÈ Pastor Pete Peters, but not // certainly him on 9475 WTWW-1. At 1434 analogy with dog food.

5085, March 23 at 0548, WTWW-2 is still on but open carrier/dead air except for some hum. By 1243 is modulating C&W music; as always flanked by much weaker unmodulated spur carriers on 5072.1 and 5097.9 (Glenn Hauser, OK, WORLD OF RADIO 1923, DX LISTENING DIGEST)

** U S A. 11786 approx., March 23 at 2011, during routine check for Anguilla 11775 or maybe Brasil 11780, neither of which is on now, I find an S1-S3 extremely distorted spurblob; switching to FM mode I can tell it`s  speaking Spanish, somewhat readable. It`s not RHC, and at this hour the only significant SS on band is 12050, WEWN --- sure enough, I make a match with the S9+10 fundamental which itself sounds OK. Then to search the band for more such spurs, and there they are, all quite broad and hard to pinpoint, some readable in FM mode, further ones not.

12116 at S8-S9, 12189-12192 at S5-S6, 12250-12247, 12390 & 12450 JBA; downward: 11984 at S9+15 and good in FM; 11918 almost as good but some noise; by now it`s 2021: 11852 at S3, 11721 at S1, 11664 JBA.

At 386 kHz below 12050, 11664 implies the average separation would be 64.3 kHz, out to the sixth order. 12450 at +400 kHz would divide out to 66.7 kHz each. But not all of them fit into this pattern. They could be fluxuating as I go along, besides being so broad each in FM.

This transmitter has gone out of whack before; it may always be to some extent, but extra strong fundamental signal today exacerbates them. Clearly, WEWN has some cleaning up to do.

5970, the night Spanish frequency, is clean around 0030 March 24. I

understand that two separate transmitters are used for day and night services, even tho at any one time, only one English and one Spanish are on air.

And this is soon to diminish, if HFCC FCC A-18 registrations are complete, only 5 entries. WRTH reminds us they have 4 x 500 kW transmitters. They`ve been run with 250 (or 300?) for years now, but note that Spanish allegedly uses only 100, as in both A-18 and B-17. One could easily have believed 250 today, especially with the azimuths aimed away from us, yet supplying us with all those spurs.

```
            CIRAF
 5970 00-14 11,15 Spanish 160 100
12050 14-24 11,15 Spanish 155 100

11520 00-09 46,47 English  85 250
 9470 09-13 43,44 English 335 250
15610 19-24 46,47 English  85 250
```

English no longer 21 hours a day, let alone 24, but only 14. 9470 was also scheduled in B-17 but never used, so there is no reason to expect it to be active in A-18, but we shall soon hear if so. And March 24 should be the last day for morning English on 12065.

12056 & 12074 approx., March 24 at 1348, WEWN English on last day usage of 12065 per FCC/HFCC schedules, S9+20 on central and with squealing spurblobs about 9 kHz plus and minus, just like happens around 15610 when that signal is strong enough (not lately here). They have lessened by 1418 recheck. This is unacceptable, but nothing compared to what the 12050 Spanish transmitter has been doing, as in my March 23 report.

Now, Ron Howard forwards this: ``Thanks to Dave Valko for this March 24 update: "Caught 12050 WEWN signing on at 1457 a little bit ago. And like yesterday, is blasting out FMing spurs all over the 25mb again. The strongest is 11981, S9+15 here. They all vary a little. They're downright horrendous when they're peaking."``

I don`t check out 12050 spurs all day until: 2250 March 24, 11985, huge spurblob S9+20, sounds good in FM mode and in fact louder and clearer than fundamental 12050-AM. Many more at intervals of about 65 kHz: 12115, just as good with Radio CatÛlica Mundial ID in passing; 12180 weaker but still good in FM; 12245 unreadable; 12310 & 12375 detectable. Not so many on the minus side beyond 11985: 11920 fair in FM; 11855 other Catholic station R. Aparecida has a little noise QRM, maybe this; but bigsig from Madagascar 11790 has no problem with another WEWN-FM (Glenn Hauser, OK, WORLD OF RADIO 1923, DX LISTENING DIGEST)

Ac‡ en Bogot‡ tambiËn notÈ las seÒales espˇreas en la banda de 25 metros producidas por la WEWN, adjunto "pantallazo" de mi receptor al momento de la escucha
http://www.w4uvh.net/WEWNspurs.png
(Rafael RodrÌguez, Colombia, March 23, condiglista yg via WORLD OF RADIO 1923, DXLD)

12065, March 25 at 1247, weak English, pauses, choir, sure sounds like WEWN with a mass, despite this frequency being deleted from A-18 schedules. Builds up to S8 at 1303 with choral music, no spurs, but certainly still WEWN. Maybe just not caught up with A-18 changes yet? I`ve been referring to FCC/HFCC listings, but it`s about time I checked WEWN itself:
http://ewtn.org/radio/freq.htm
which does have lots of blanx now, with this A-18 schedule:
``English
10-13 9470 335 SE Asia
19-24 15610 85 Africa
00-10 11520 85 Africa
Spanish (both Central/S America, no azimuths given)
15-24 12050
00-15 5970``

I`ve yet to hear any sign of them on 9470! And 12065 still running, as above. 5970 not heard before or after 1300. At 1501 check, neither 12050 nor 5970 on the air, but 15610 still with JBA carrier, so that English not yet deleted!

12073 approx., March 25 at 1708, spurblob cutting on and off out of the 12050 undermodulated Spanish transmitter; cursory tunearound does not find any other spurs; this one only +23 kHz away.

About WEWN-FM, Ron Howard forwarded this on the WOR iog preceding my previous quote from him:

``Hi Glenn, Dave Valko wrote - "FMing spurs of 12050 WEWN throughout the 25mb. All day today [March 23], I was getting them every 87 kHz out in both directions from 12050, as low as 11528 and as high as 12487. And since the spurs are wide, they pretty much destroy the whole band. It's a potential killer and I'm sure others are going to complain about it if the spurs continue. Here's what it looked like when 12050 and the spurs went off at 2355 this evening."

Dave's attached screenshot shows just how bad it was.
http://www.w4uvh.net/WEWNspurs.jpg
Thanks very much to Dave for passing this along.``

12050, March 25 at 1839, JBA carrier so WEWN Spanish is off, let`s

hope for repairs. Must instead be Radio Dandal Kura, target for Lake Chad area of Boko Haram influence, via Ascension, which otherwise is quite blocked here by Vandiver. Cannot hear even a carrier on 15610, so WEWN English may also be off.

5970 & 12050, March 26 at 0052, neither night nor day Spanish RCM frequency is on. But 11520, March 26 at 0119 achieves a JBA carrier, presumably WEWN English.

5970, March 26 at 1312, WEWN Spanish is on at S9; no English on 12065 or 9470. By 1407, 5970 is off and 12050 is on but dead air at S9-S6; no spurs detectable, but might appear once modulating? 1525 recheck, OK in Spanish, no spurs found (Glenn Hauser, OK, WORLD OF RADIO 1923, DX LISTENING DIGEST)

12050, March 27 at 1404, music at S5-S8, must be WEWN Spanish, no spurs (Glenn Hauser, OK, DX LISTENING DIGEST)

Two different summer A-18 schedules of EWTN WEWN from Mar 25
http://swldxbulgaria.blogspot.bg/2018/03/two-different-summer-18-schedules-of.html
(Ivo Ivanov, SWLDXBulgaria News, March 23-24, WOR iog via DXLD) Viz.:

Saturday, March 24, 2018 -according to HFCC Database:
WEWN-1 Global Catholic Radio
0000-0900 on 11520 EWN 250 kW / 085 deg to WeAf English
0900-1300 on 9470 EWN 250 kW / 355 deg to SEAs English
1900-2400 on 15610 EWN 250 kW / 085 deg to WeAf English
WEWN-2 Radio Catolica Mundial
1400-2400 on 12050 EWN 100 kW / 155 deg to CeAm Spanish
WEWN-3 Radio Catolica Mundial
0000-1400 on 5970 EWN 100 kW / 160 deg to CeAm Spanish

-according to EWTN web site:
WEWN-1 Global Catholic Radio
0000-1000 on 11520 EWN 250 kW / 085 deg to WeAf English
1000-1300 on 9470 EWN 250 kW / 355 deg to SEAs English
1900-2400 on 15610 EWN 250 kW / 085 deg to WeAf English
WEWN-2 Radio Catolica Mundial
1500-2400 on 12050 EWN 100 kW / 155 deg to CeAm Spanish
WEWN-3 Radio Catolica Mundial
0000-1500 on 5970 EWN 100 kW / 160 deg to CeAm Spanish
(??????????? ?? Observer ? 4:40 PM via DXLD)

** U S A. 9265, March 23 at 2030, WINB gospel huxter in English, with big ripple on carrier, obvious with BFO, but sounds OK in AM; still a sign of a very sick transmitter (Glenn Hauser, OK, DX LISTENING DIGEST)

** U S A. 7490, March 24 at 1419, WWCR with a gospel huxter denouncing the King James Version, apparently for not using the proper name Yahweh. What a picky, picky deity this Yahweh must be! In fact the Big Deal of the Yahwists is merely nomenclature (Glenn Hauser, OK, DX LISTENING DIGEST)

Tennessee, Nashville, WWCR 3215 on Mar 25, 0350. SIO 454 in English. Anti-gay religious speaker saying he is praying for those who have been ìdeceived by the LGBT movement,î praying that the ìlove of Christî will ìinvade the LGBT movementî and bring individuals to ìsaving knowledge of Jesus Christ,î all the while playing cheesy instrumental music in the background. So sad that this is the state of religious broadcasting from the USA. As a religious person, Iím embarassed that this kind of hate speech is being spewed out to the world.

(James Branum, And unless other noted, my QTH is EM15ep in the Deer Creek area of far Northwest Oklahoma City, Oklahoma County, Oklahoma, USA. My listening equipment is most often a Tecsun PL-310 ET, but I also sometimes use my Yaesu FT-817, my TIVDIO V-115, my Radio Shack 2000669, as well as AM/FM car radios. My favorite antenna is my MFJ-1988-T multiband backpacker antenna, but many of my receptions are with the stock antenna only or an attached random long-wire.
http://blog.jmb.mx/index.php/2018/03/25/kg5jst-radio-listening-log-mar-23-25-2018-utc/
WOR iog via DXLD)

** U S A. 3185, UT Monday March 26 at 0131, gospel huxtress at S9+40, so I`ve finally caught an evening transmission from WWRB; after 0100 can`t be on 3215, occupied by WWCR, so Dave has chosen 3185 instead of 3195. About equal signal levels from both, but 3185 sounds louder, tnx to the emphatic know-it-all. It`s A-18, when he might have reactivated 5050, but not yet. I assume it would still be a waste of time to seek an axual program schedule on WWRB website (Glenn Hauser, OK, WORLD OF RADIO 1923, DX LISTENING DIGEST)

** U S A [non]. Alyx & Yeyi A18

PROGRAM	TIME (UT)	kHz	DAYS	LANG	TARGET AREA
Denge Welat	0230-0500	9525	mtwtfss	Kurdish	M East
Denge Welat	0500-2100	11530	mtwtfss	Kurdish	M East
Suab Xaa Moo Zoo	1130-1200	7530	mtwtfss	Hmong	Asia
Que Me	1200-1230	9930	----f--	Vietnamese	Asia
Living Water Ministry Broad.	1500-1600	7280	-twt---	Korean	Asia
Living Water Ministry Broad.	1500-1530	7280	----f--	Korean	Asia
Radio Xoriyo	1600-1630	17870	m---f--	Somali	Africa
Oromo Voice	1600-1630	17850	m-w--s-	Oromo	Africa

Radio V.O.Independent Oromia	1600-1630	17850	------s	Oromo	Africa
Voice of Amara Radio	1700-1800	15360	m-w--ss	Amharic	Africa
Suab Xaa Moo Zoo	2230-2300	7530	mtwtfss	Hmong	Asia

Reception reports to :
info@alyx-yeyi.com
Alyx & Yeyi,
LLC - 5201 Blue Lagoon Drive, 8th Floor
Miami, FL 33126 - U.S.A.
(via Alokesh Gupta, DXLD)

Alyx & Yeyi is a ``sister company`` of Broadcast Belgium, both headed by Ludo Maes. But why is it in Miami? Transmitter sites are no secret but not shown here. Beware: 11530 and 9525 both come from two different sites, depending on time (gh)

** U S A [non]. Excellent reception of AWRs Wavescan DX programme on its new A18 frequencies today at 1600 UT s/on on both 9580 via Trincomalee and 11950 via Sofia. 73s (Dave Kenny, March 25, bdxc-news iog via DXLD)

** U S A [and non]. A18 AWR Short Wave Broadcast Schedule. 2018-03-25 to 2018-10-27 (first and last day of transmission)

AWR - All Regions

Site	Start-Stop	Language	Service Area	kHz	kW	Days
TRM	0000-0030	Thai	Cambod, Viet, Thai, Laos	9805	125	1234567
SDA	0000-0100	Mandarin	C/N-China	17650	100	1234567
TRM	0000-0030	Burmese	Myanmar	11655	125	1234567
TRM	0030-0100	Karen	Myanmar, Thailand, China	11655	125	1234567
TRM	0100-0130	Min Nan Chinese	NE-China	15630	125	12345
TRM	0100-0200	Mandarin	S-China	11925	125	7
TRM	0100-0130	Mandarin	S-China	11925	125	6
TAI	0100-0200	Vietnamese	Vietnam	15445	100	7
TRM	0100-0130	Mandarin	NE-China	15630	125	67
TRM	0100-0130	Min Nan Chinese	S-China	11925	125	12345
TRM	0130-0200	Mandarin	NE-China	15630	125	7
TRM	0130-0200	Cantonese	NE-China	15630	125	123456
TRM	0130-0200	Cantonese	S-China	11925	125	123456
MOS	0200-0230	Urdu	Pakistan	7385	300	1234567
MOS	0230-0300	Panjabi	Pakistan	7385	300	1234567
MDC	0300-0400	Malagasy	Madagascar	6065	100	1234567
TRM	0300-0330	Oromo	S-Ethiopia	15410	125	1234567
NAU	0300-0330	Tigrinya	Eritrea	9655	250	1234567

MOS	0330-0400	Farsi	Iran	6120	300	1234567
MOS	0400-0430	Turkish	Turkey	6120	300	1234567
TRM	0400-0430	Amharic	Ethiopia	15410	125	1234567
NAU	0400-0430	Bulgarian	Bulgaria	5975	100	1234567
NAU	0430-0500	French	Morocco, Algeria	6155	100	1234567
TRM	0500-0600	Arabic	Egypt, Iraq, Arab Penins	17790	250	1234567
MOS	0500-0530	Hausa	Nigeria	11955	300	1234567
ISS	0600-0630	French	Cameroon, Ghana, Senegal	12035	250	1234567
NAU	0600-0630	French	Cameroon, Ghana, Senegal	15455	250	1234567
MOS	0600-0700	Arabic	Libya	11880	300	1234567
ISS	0700-0730	French	Cameroon, Ghana, Senegal	11880	250	1234567
NAU	0700-0800	Arabic	Morocco, Algeria	15225	100	1234567
NAU	0800-0830	Kabyle	Morocco, Algeria	15225	250	1234567
MOS	0800-0830	French	Morocco, Algeria	15145	300	1234567
NAU	0830-0900	Tachelhit	Morocco, Algeria	15225	100	1234567
NAU	0900-1000	Italian	Italy	11905	100	1
SDA	1000-1100	Mandarin	C/N-China	15450	100	1234567
SDA	1000-1100	Mandarin	S-China	17665	100	1234567
SDA	1030-1100	Mongolian	N-China, Mongolia	15500	100	1234567
SDA	1030-1100	Ilocano	Philippines	17730	100	16
SDA	1030-1100	Tagalog	Philippines	17730	100	23457
SDA	1100-1130	Indonesian	W-Indonesia	15500	100	1234567
SDA	1100-1200	Mandarin	C/N-China	15435	100	1234567
SDA	1100-1200	Mandarin	S-China	15210	100	1234567
SDA	1100-1130	Russian	E-Russia	12090	100	1234567
SDA	1100-1200	Mandarin	NE-China	9940	100	1234567
TRM	1130-1200	Shan	Myanmar	15610	125	1234567
SDA	1130-1200	Sundanese	Indonesia, Malaysia	15500	100	1357
SDA	1130-1200	Javanese	Indonesia, Malaysia	15500	100	246
SDA	1200-1230	Mandarin	C/N-China	12105	100	67
SDA	1200-1230	Min Nan Chinese	C/N-China	12105	100	12345
TRM	1200-1300	Korean	Korea	17805	125	1234567
SDA	1200-1300	Korean	Korea	7465	100	1234567
TRM	1200-1230	Mon	Myanmar	15610	125	1234567
SDA	1200-1230	Min Nan Chinese	NE-China	9585	100	12345
SDA	1200-1230	Min Nan Chinese	S-China	15170	100	12345
SDA	1200-1230	Mandarin	S-China	15170	100	67
SDA	1200-1230	Mandarin	NE-China	9585	100	67
SDA	1230-1300	Mandarin	S-China	15170	100	6
SDA	1230-1300	Cantonese	S-China	15170	100	123457
TRM	1230-1300	Meitei	NE-India, Bangladesh	15430	125	146
TRM	1230-1300	Bangla	NE-India, Bangladesh	15430	125	2357
SDA	1230-1300	Cantonese	C/N-China	12105	100	123457

SDA	1230-1300	Mandarin	NE-China	9585	100	6
SDA	1230-1300	Cantonese	NE-China	9585	100	123457
SDA	1230-1300	Mandarin	C/N-China	12105	100	6
MDC	1300-1400	Vietnamese	Vietnam	17605	250	1234567
NAU	1300-1330	Uighur	W-China	17810	250	17
TRM	1300-1330	Nepali	NE-India	15430	125	1234567
TRM	1300-1330	Bangla	Bangladesh	15255	125	1234567
NAU	1300-1330	Mandarin	W-China	17810	250	23456
SDA	1300-1330	Khmer	Cambod, Viet, Thai, Laos	11900	100	1567
SDA	1300-1330	Khmer	Cambod, Viet, Thai, Laos	11900	100	234
SDA	1300-1400	Mandarin	C/N-China	9475	100	1234567
DB	1300-1330	Kachin	Myanmar	12055	100	1234567
TRM	1330-1400	Kokborok	Bangladesh	15255	125	1234567
TAC	1330-1400	Indonesian	Malaysia	9955	100	237
DB	1330-1400	Thai	Cambod, Viet, Thai, Laos	11825	100	1234567
TAC	1330-1400	Assamese	NE-India	9955	100	14
TRM	1330-1400	Isan	Cambod, Viet, Thai, Laos	17770	125	12346
TRM	1330-1400	Lao	Cambod, Viet, Thai, Laos	17770	125	57
NAU	1330-1500	Mandarin	W-China	15285	250	1234567
TAC	1330-1400	Hmong	Thailand	9955	100	56
SDA	1400-1430	Asho Chin	Myanmar	15150	100	1234567
TRM	1400-1500	Mandarin	S-China	15715	125	1234567
MOS	1400-1430	Urdu	Pakistan	15440	300	1234567
MDC	1400-1500	Malagasy	Madagascar	6055	100	1234567
MDC	1400-1430	Sinhalese	Sri Lanka	15170	250	1234567
TRM	1430-1500	Burmese	Myanmar	15215	125	1234567
MOS	1430-1500	Afar	Djibouti, NE-Eth, Somalia1	7605	300	1234567
TRM	1430-1500	Karen	Myanmar, Thailand, China	17720	125	1234567
TAC	1430-1500	Karen	Myanmar, Thailand, China	15165	100	1234567
SOF	1500-1530	Telugu	S-India	15590	250	1234567
NAU	1500-1530	Panjabi	N-India	15605	125	1234567
TRM	1500-1530	Tamil	S-India	9510	125	1234567
TRM	1500-1530	Mizo	NE-India	15215	125	1234567
TRM	1500-1530	Nepali	Nepal	9740	125	1234567
MOS	1500-1530	Turkish	Turkey	11955	300	1234567
TRM	1530-1600	Marathi	C-India	11950	125	1234567
TAC	1530-1600	Kannada	S-India	9580	100	1234567
NAU	1530-1600	Hindi	N-India	15215	250	1234567
MOS	1530-1600	Panjabi	Pakistan	15165	300	1234567
SDA	1530-1630	Korean	Korea	9795	100	1234567
MDC	1530-1600	Hindi	C-India	17760	250	1234567
TAC	1530-1600	Oriya	India-Odisha	11755	100	1234567
NAU	1530-1600	Tibetan	Nepal, Tibet	15670	250	56
NAU	1530-1600	English	Nepal, Tibet	15670	250	12347
TAC	1530-1600	Gujarati	India-Gujarat	12025	100	1234567
MDC	1530-1600	Malayalam	S-India	17605	250	1234567
TRM	1600-1630	English	C-India	9580	250	1234567
NAU	1600-1630	Bulgarian	Bulgaria	9830	125	1234567

SOF	1600-1630	English	S-India	11950	250	1234567
TRM	1600-1630	Urdu	N-India	11800	125	1234567
MOS	1600-1630	Urdu	Pakistan	15165	300	1234567
TRM	1630-1700	Sindhi	S-Pakistan	15360	125	1357
MOS	1630-1700	Farsi	Iran	11800	300	1234567
TRM	1630-1700	Pushto	N-India	15360	125	246
NAU	1630-1700	Tigrinya	Eritrea	15490	250	1234567
NAU	1630-1700	Amharic	Ethiopia	17720	250	1234567
ISS	1630-1700	Somali	Somalia	17570	250	1234567
MDC	1700-1728	Kiswahili	Tanzania, Kenya, Uganda	11790	250	1234567
MEY	1700-1730	Kiswahili	Tanzania, Kenya, Uganda	9600	250	1234567
MEY	1730-1800	Masai	Tanzania, Kenya, Uganda	9600	250	1234567
NAU	1730-1800	Oromo	S-Ethiopia	17720	250	1234567
NAU	1730-1800	Kabyle	Morocco, Algeria	15170	125	1234567
MOS	1800-1900	Arabic	Libya	11955	300	1234567
TRM	1830-1900	English	E-Africa	15155	250	1234567
MOS	1900-1930	Hausa	Nigeria	11955	300	1234567
NAU	1900-2000	Arabic	Morocco, Algeria	11800	125	1234567
MDC	1900-2000	Arabic	Egypt, Iraq, Arab Penins	11680	250	1234567
NAU	1900-1930	Wolof	Senegal, Gambia	11790	250	1234567
ISS	1930-2000	Ibo	E-Nigeria	11885	250	1234567
NAU	1930-2000	Tachelhit	Morocco, Algeria	11955	100	1234567
MOS	1930-2000	French	C-Africa	15155	300	1234567
NAU	1930-2000	Fulfulde	Cameroon, Ghana, Senegal	11790	250	1234567
ISS	2000-2030	Moore	BFA Burkina Faso	9770	250	1234567
MOS	2000-2030	Dyula	BFA, Ivory Coast, Mali	11880	300	1234567
NAU	2000-2030	French	Cameroon, Niger	9565	250	1234567
NAU	2000-2030	French	Morocco, Algeria	9610	100	1234567
SDA	2000-2030	Russian	E-Russia	7375	100	1234567
MOS	2030-2100	French	W-Africa	11880	300	1234567
ISS	2030-2100	Yoruba	Nigeria	11790	250	1234567
MOS	2100-2130	English	W-Africa	11880	300	1234567
SDA	2100-2200	Korean	Korea	11790	100	1234567
SDA	2100-2200	Mandarin	C/N-China	11750	100	1234567
SDA	2200-2230	Indonesian	W-Indonesia	11955	100	1234567
SDA	2200-2230	Sundanese	W-Indonesia	12040	100	2467
SDA	2200-2230	English	W-Indonesia	12040	100	135
SDA	2200-2300	Mandarin	NE-China	15685	100	1234567
SDA	2200-2300	Mandarin	C/N-China	11890	100	1234567
SDA	2200-2300	Vietnamese	Vietnam	15630	100	1234567
SDA	2230-2300	Javanese	W-Indonesia	15320	100	1234567
SDA	2230-2300	Indonesian	W-Indonesia	11955	100	1234567
SDA	2300-2330	Khmer	Cambod, Viet, Thai, Laos	15365	100	234
SDA	2300-2330	Vietnamese	Vietnam	15320	100	1234567
SDA	2300-2400	Mandarin	NE-China	15625	100	1234567
SDA	2300-2400	Mandarin	C/N-China	17520	100	1234567
SDA	2300-2330	Khmer	Cambod, Viet, Thai, Laos	15365	100	1567

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SDA 2330-2400 Lao        Cambod, Viet, Thai, Laos  15365 100 57
SDA 2330-2400 Asho Chin  Myanmar                   15320 100 1234567
SDA 2330-2400 Thai       Cambod, Viet, Thai, Laos  15365 100 12346

RMI Okeechobee, Florida relay site           Azi
RMI 1100-1130 Spanish (HA) Cuba              181    5950 100 1234567
RMI 0000-0030 Spanish (HA) Cuba              181    5950 100 123456

[dozens of airings of Wavescan on WRMI are NOT included in AWR`s
official schedule! --- gh]

Eastern Mongolia Choibalsan Relay site
    1530-1630  Korean    No-Korea            133    1431 500 1234567

Site:
ISS = TDF Issoudun, France                   SDA = KSDA Agat, Guam
MDC = MGLOB Talata Volonondry, Madagascar    TAI = Taipei, Taiwan
MEY = SenTec Meyerton, South Africa          TRM = SLBC Trincomalee
MOS = ORS Moosbrunn, Austria                 NAU = MBR Nauen Germany
TAC = RRTM RED Telecom Tashkent Uzbekistan   DB  = Dushanbe TJK
SOF = SPC-NURTS Sofia Kostinbrod, Bulgaria
ERV = CJSC Yerevan Gavar, Armenia

Days:  1 = Sunday      5 = Thursday
       2 = Monday      6 = Friday
       3 = Tuesday     7 = Saturday
       4 = Wednesday

Version 06 / 2018-03-23 / pub
AWR Frequency Management Office
Sandwiesenstr. 35
64665 Alsbach, Germany

Phone: +49 6257 9440969  Email: <pino -at- awr.org> (AWR Darmstadt,
Germany, via Andreas Volk-D, AGDX Munich Bavaria Germany via Mike
Bethge-D, wwdxc BC-DX TopNews March 23 via BC-DX, laboriously
realigned by gh for DX LISTENING DIGEST)

** U S A. 1130, March 22 at 1703 UT check, KLEY Wellington KS still
SNAFU with bits of modulated carrier cutting on and off at irregular
intervals, while separate rapid regular noise pulses are also
transmitted. Probably an emission which could not be accomplished if
they tried to.

1130, March 26 at 2011 UT check, KLEY Wellington KS is totally off the
air rather than cutting on and off every few seconds (Glenn Hauser,
OK, DX LISTENING DIGEST) Later: back to the usual
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** U S A. KLBB 1220 going off on March 31

After a half century on the air, Stan Turner is signing off from KLBB
TwinCities.com-Pioneer Press-Mar 24, 2018

Stan Turner introduces the 1970 hit song "Vehicle" by the band The Ides of March during his "All Request and Dedication Show" from the KLBB-1220 radio studio in downtown Stillwater on the Ides of March 2018. When KLBB goes off the air at midnight March 31, Turner, whose career in broadcasting goes ...
https://www.twincities.com/2018/03/24/after-a-half-century-on-the-air-stan-turner-is-signing-off-from-klbb-for-now/
(via Artie Bigley, OH, DXLD)

** U S A. CONGRESS GETS SERIOUS ABOUT PIRATES
Tom Taylor Now newsletter March 21, 2018

Would pirate-radio fines of $2 million clean up the airwaves?

How about a potential fine of $100,000 per day? Thatís in the discussion draft bill to be discussed at tomorrowís hearing of the House Communications and Technology Subcommittee ñ very tough penalties. The billís titled the ìPreventing Illegal Radio Abuse Through Enforcement Act,î which yields the acronym ìPIRATE Act.î

Itís co-sponsored by New Jersey Republican Rep. Leonard Lance and New York state Democrat Paul Tonko. Theyíd define a ìpirateî as ìany person who knowingly and intentionally facilitates pirate radio broadcasting.î That could be an operator or in-cahoots property owner. The billís meant to sent a message to pirates, who currently face FCC sanctions running from $10,000 to $15,000. But we donít know how often the Commissionís able to actually collect even that. The January 22 NOW carried a rare story ñ A South Florida man signing a consent decree, promising to stay off-air, and agreeing to pay a greatly reduced civil penalty of $2,500 over the next 36 months. Thatís the only such public notice in recent memory. So how many fine-evaders are there? More here:
http://TomTaylorNow.com
(via Mike Terry, March 21, WOR iog via DXLD)

CONGRESS MAY CONSIDER MORE STRINGENT PIRATE RADIO FINES
https://www.radioworld.com/news-and-business/congress-may-consider-more-stringent-pirate-radio-fines

Support Across the Aisles for PIRATE Act
https://www.radioworld.com/news-and-business/support-across-the-aisles-for-pirate-act
(both via Dennis Gibson, CA, March 27, Sent from my iPad, ABDX yg via

DXLD)

** U S A. WKAR AM-870 programming can now be heard around the clock on WKAR FM-105.1 --- Scott Pohl / WKAR-MSU

http://wkar.org/post/wkar-am-programming-expands-fm-dial

WKAR-AM signed on the air in 1922. Now, 96 years later, our AM station has a companion on the FM dial besides 90.5. As of last week, you can listen to our AM programming on FM 105.1, too.

Listen Listening... 4:21
WKAR's Scott Pohl reports on the new WKAR AM-870 companion signal on FM 105.1.
https://cpa.ds.npr.org/wkar/audio/2018/03/180313_wkar_105.1.mp3

WKAR-AM is required by the Federal Communications Commission to broadcast only during daylight hours. That means there are winter months where the station is only on the air for nine hours a day. After signoff, AM 870 listeners would have to go elsewhere for news and talk programming.

Not anymore. Our AM shows can now be heard around the clock on FM 105.1.

WKAR Radio Chief Engineer Drew Henderson says itís the result of the FCCís AM revitalization program. "The trend of listening to AM stations is going down," he explains, "and to throw a bone to AM radio station owners...expecially ones that are daytime only, the FCC is allowing them to have small FM radio stations, which are called translators."

These translators can be on the air around the clock.

Henderson says the addition of this FM signal wonít change the operations of AM 870 at all. FCC rules, he continues, require these FM translators to simulcast the programming of the AM stations. The idea is to prevent the shutting down of AM stations.

WKAR Radio Manager Peter Whorf is excited about bringing programs like Morning Edition, All Things Considered, the best of the BBC, This American Life, Wait Wait Donít Tell Me, Hidden Brain and Itís Been A Minute to listeners on both AM 870 and FM 105.1. "On our 90.5, you can hear All Things Considered from 4 until 7," Whorf says, "105.1 picks up All Things Considered from 7 until 9 p.m. That'll be really useful for later commuters."

Conversely, 90.5 carries Morning Edition from 5 to 9, and AM 870 and

FM 105.1 bring you the program from 9 to 11.

The AM revitalization program has spurred eight of the nine AM stations serving Lansing to obtain FM translator frequencies, but not all are yet on the air. Along with WKAR, three religious stations are already on both AM and FM now. And, news for you Detroit Tigers fans: along with a local AM affiliate, Tigers games are expected on your FM band too this season. Listeners might want to re-scan their FM radios from time to time to find all of these new signals (via Kevin Redding, TN, ABDX yg via DXLD) W233CH listed at FCC FM Query as a CP (gh)

** U S A. Your voice helped save your stations --- Glenn - You helped achieve major victories. The President signed a bill into law that fully funds public media through September 30, 2018.

Thank you for telling your lawmakers that you value public media.

These results prove that your voice and persistence are the most powerful tools that we have to protect public media funding.

Over the entire funding cycle, from March 2017 to now, you and our network have sent 694,605 communications to Congress to protect funding.

In the coming months, weíll need your voice again. With Fiscal Year (FY) 2018 funding finished, Congress will soon start its work on FY 2019, and it will be vital to remind lawmakers that you support public media funding once more.

Youíve already laid important groundwork by asking your lawmakers to sign the public media support letters. Thanks to your outreach, the House of Representatives letter had a record-breaking number of signatures and the Senate letter is on its way to attaining similar results.

These are important and impactful opportunities that enable us to save public media funding.

We are confident that if we continue to raise our voices during key moments in the congressional process that we can secure FY 2019 funding, too.

Thank you for answering our calls to action and protecting your local stations. We couldnít have done this without you. Sincerely, (The Protect My Public Media Team, March 27, DX LISTENING DIGEST)

** U S A. YOUR TV STATIONS ARE MOVING AROUND
Repack costs prompt Texas licensee to eliminate public DTV station

By [image: Dru Sefton] Dru Sefton
<http://current.org/author/dru-sefton/>, Senior Editor
<https://twitter.com/drusefton> | March 8, 2018
<http://current.org/2018/03/repack-costs-prompt-texas-licensee-to-eliminate-public-tv-station/#>

Central Texas College --- The licensee of KNCT-TV in Killeen, Texas, has decided to shut down the station rather than pay the up-front expenses for moving it to a new channel.

The decision comes as PBS and Americaís Public Television Stations are warning that more public TV stations could go dark as licensees face millions of dollars in repack costs ahead of reimbursements from the FCC.

The Central Texas College Board of Trustees, licensee of KNCT, voted Feb. 27
<https://www.ctcd.edu/news-events/texas-campus-news/ctc-board-rescinds-knct-tv-repack/>
to shut down the station rather than pay $4.4 million to move its signal from Channel 46 to Channel 18. Congress has approved reimbursement of 62 percent of repacking costs for each affected licensee. But the FCCís timeline would have required Central Texas College to begin repacking KNCT before knowing whether its costs would be fully reimbursed.

ìNeither the administration nor the CTC board take this decision lightly,î Chancellor Jim Yeonopolus said.

Max Rudolph, KNCT station manager, said that KNCT will ìcontinue local programming via internet streaming and on the CTC website,î and it will still provide instructional broadcasting classes for students. Rudolph referred all questions about the station to the college.

Evran Kavlak / Public Media Co.
The 40 dBu service contours of KNCT, in red, and other nearby public TV stations.

According to Public Media Co., a consultant to public media, KNCT provides the sole over-the-air public TV signal for 315,480 people in the Waco area. A spokesperson for Central Texas College said the station does not subscribe to Nielsen ratings.

KLRU-TV in Austin, about 65 miles south, could possibly provide PBS programming to affected households, said GM Bill Stotesbery. The two stations are discussing options, he said.

No date has been set for the shutdown. It will not affect KNCT-FM, a

public station at the college that airs an easy listening format.

According to APTS, 149 public TV stations nationwide ó 42 percent of all stations ó must involuntarily shift channels due to reassignments after the FCCís broadcast spectrum auction <http://current.org/series/spectrum-auction/>.

The stations need more than $336 million <https://current.org/2017/07/spectrum-repack-expenses-top-1-75-billion-fund/> to complete repacking. Work must be finished by July 2020.

APTS President Pat Butler said APTS staffers have heard of ìseveral stations facing the prospect of going darkî because licensees are reluctant to commit to paying up front for repack expenses.

Butler said APTS has ìcommunicated this dilemmaî to Energy and Commerce Committee Chairman Greg Walden and others on Capitol Hill. ìWe have reminded them that the prospect of these stationsí going dark is the opposite of holding stations harmless from the effects of the spectrum auction, as the law promised to do,î Butler said.

ìThis is an urgent issue given the ambitious and carefully structured repacking timetable,î PBS President Paula Kerger said in a letter to the FCC earlier this year. ìMany stations that had nothing to do with the incentive auction are threatened with going dark due to this circumstance far outside their control.î

Legislation that would increase funds available to stations, including radio licensees affected by the repack, passed in the House Tuesday <https://current.org/2018/03/oregon-stations-attest-to-tv-repacks-detrimental-effect-on-radio/>

*Correction: **An earlier version of this article mistakenly said that according to FCC and Census data, KNCTís signal covers a population of 315,480. That is the population for whom KNCT is the only over-the-air public TV signal, according to Public Media Co.*
http://current.org/2018/03/repack-costs-prompt-texas-licensee-to-eliminate-pu
(via Kevin Redding, TN, ABDX yg via DXLD)

** VIETNAM. Coastal radio stations operated by VISHIPEL (Vietnam Maritime Communications and Electronics LLC) to assist fishing boats, etc. Website, in English, at
http://vishipel.com.vn/Index.aspx
Map of their many coastal stations at
http://goo.gl/rNB6om

Monitoring March 24; stations giving maritime conditions in Vietnamese, with countless mentions of ìkilo-mÈtî (Vietnamese for

kilometers). Noted that many stations in the network no longer start and end with the distinctive series of tones that was always used in past years. All site are presumed to be correct.

7906-USB, Qui Phong Radio, *1035-1041*; with YL; no tones.

7906-USB, Hue Radio, *1050-1053*; with OM; no tones.

7903-USB, site? *1050-1051*; VISHIPEL uses this frequency for brief announcements, not maritime conditions. Thanks very much to David Crawford for originally pointing this frequency out to me. Is a challenge to catch this one, as they are infrequently on the air. Also heard *1205 to 1207* (site?); with YL; no tones.

7906-USB, Hon Gai Radio, *1105-1109*; with YL; no tones.

7906-USB, Phu Yen Radio, *1120-1124*; with YL; no tones.

7906-USB, Ca Mau Radio, *1135-1138*; with OM; no tones.

7906-USB, Nha Trang Radio, *1150-1155*; with YL; on with tones, but off without them.

7906-USB // 8294-USB, Hai Phong Radio, *1205-1211*; with YL; started and ended with series of tones.

7906-USB, Vung Tau Radio, *1220-1225*; with YL; no tones.

Also thanks to Takahito Akabayashi (Japan) for all his wonderful past assistance with these stations! (Ron Howard, Asilomar State Beach, CA, EtÛn E1, antenna: 100' long wire, WOR iog via WORLD OF RADIO 1923, DXLD)

This is great info; got to get back to the radio and this is the type of station I want to start receiving. Thanks, Ron; going to get the aerials back up (Mark Davies, ibid.)

** VIETNAM [non]. USA. 7315. VOV. Marzo 15. 0030-0058 UT. Visita del gobernante vietnamita a Australia y Nueva Zelanda. Noticias sobre cumbres del Tri·ngulo de desarrollo que se realizar· en HanÛi, ConmemoraciÛn de soldados caÌdos por la defensa marÌtima de Vietnam, Festival GastronÛmico de Hoi An. Desde las 0043, se emiten noticias internacionales especialmente sobre el reclamo de Venezuela frente a los reclamos de Estados Unidos, sobre el encuentro entre los mandatarios de JapÛn y Norcorea por el secuestro de japoneses y las Votaciones en Rusia. A las 0047, un especial acerca de las p·ginas webs de la emisora y ampliaciÛn de la visita del Presidente de Vietnam y Australia, junto a los vÌnculos bilaterales. Desde las 0054 se

emite: ìFigura Vietnamitaî con la reseÒa de la vida de un mÈdico dedicado a la tuberculosis. SINPO: 45444 (Claudio Galaz, RX: Tecsun PL 660; ANT: Dipolo; QTH: Ovalle, IV RegiÛn, Chile, HCDX via DXLD)

** ZAMBIA. Z¬MBIA. 5915. Mar 25, 2018. 0350-0400, Zambia National Broadcasting Corporation, Lusaka, em vernacular. Vozes de locutor e locutora, alternadamente; M˙sica local. ZNBC com muito pobre difus„o e, em alguns momentos, quase inaudÌvel, 25322 para 25321 (DXer: JosÈ Ronaldo Xavier, Local da escuta: Cabedelo-PB, Brasil, Receptores: Sony SW100 & Tecsun S-2000, WOR iog via DXLD)

A-18 of KVOH Voice of Hope Africa, all unregistered in HFCC
http://swldxbulgaria.blogspot.bg/2018/03/a-18-of-kvoh-voice-of-hope-africa-all.html
(Ivo Ivanov, SWLDXBulgaria News, March 23-24, WOR iog via DXLD)

** ZANZIBAR. 6015, TANZANIA - ZANZIBAR. Zanzibar BC, Dole, 0415-0433. Nonstop talk in Swahili by a woman. A few bars of local music at 0430 followed by talk by a man and a woman with short musical bridges. Moderate strength signal at 0415 with occasional deep fades, declining after 0425, almost into the noise by 0433. 3/19/2018

Also heard on 3/20, 0404-0407, with talk by a man and a woman and moderate signal strength (Jim Evans, Germantown, TN. IC-R8600, IC-R75, Perseus, Various Portables, Random Wire, Wellbrook Loops, NASWA Flashsheet via DXLD)

11735, ZBC at 1800:35 UT March 20 with time pips and ID and time check followed by news in English. Had not heard in a few days but that could be propagation? Poor. 73 (Mick Delmage, Sherwood Park, Alberta, Rx: Perseus SDR, Ant: Wellbrook ALA 100 loop antenna, WOR iog via DXLD)

UNIDENTIFIED. Trans-Atlantic JBA MW carrier search, March 21 at 0625: 549, 774, 783, 855, 936, 1044. See also KIRITIMATI (Glenn Hauser, OK, DX LISTENING DIGEST)

UNIDENTIFIED. Trans-Atlantic JBA MW carrier search, March 23 at 0556+: 531(2), 549, 567, 612, 693(2), 1044, 1125, 1314, 1512, 1539, 1575. Just after had 846 from Kiritimati, q.v. (Glenn Hauser, OK, DX LISTENING DIGEST)

UNIDENTIFIED. Trans-Pacific JBA MW carrier search, March 23 at 1159: started as usual on 774, to find it on the DX-398 from WSW, probably 3LO Melbourne rather than NW, NHK Japan.

Then switch to R75 with E-W longwire, March 23 from 1202: 594, 612, 774, 828, 846*, 882, 1035, 1116, 1503.

*846 was stronger, so back to DX-398 to try to DF it: seems WSW rather than W, and Kiritimati supposedly goes off around 1000. But the only 846 DUs are three eastern Aussies at 2.5/5/10 kW, and an NZer at 2 kW; fluke? 846 soon fades down. At 1213, 1098 from west, i.e. Marshalls. Enid sunrise today: 1231 UT (Glenn Hauser, oK, DX LISTENING DIGEST)

UNIDENTIFIED. 1550, March 24 at 0607 UT, scat song, so I wonder if it`s CBEF, SRC`s ``Ici PremiËre`` in Windsor, Ont. NRC AM Log has one JAZZ format on 1550, but it`s daytimer WZUM in PA (Glenn Hauser, OK, DX LISTENING DIGEST)

UNIDENTIFIED. 4170 kHz, en Espanol Voz de Jombre [sic] hablando, SINPO 34222, DÌa 23 Marzo, 2018 en 0938 UT
https://youtu.be/KgXDKdt7-Qo

RX: Yaesu FRG 8800 Antena: Beverage simples (DXer: Daniel Wyllyans - SÌtio Estrela do Araguaia - Nova Xavantina - Mato Grosso - Brasil, Hard-Core-DX mailing list via DXLD)

Probably third harmonic of algo on 1390. In Enid it`s occupied by KCRC x 3 (Glenn Hauser, OK, DX LISTENING DIGEST)

UNIDENTIFIED. PIRATE, probably from RUS/UKR, March 21
from 1819 on 5831.5v unknown tx Ukrainian songs, good signal
http://swldxbulgaria.blogspot.bg/2018/03/unidentified-pirate-probably-from_22.html
(Ivo Ivanov, SWLDXBulgaria News, March 21-22, WOR iog via DXLD)

UNIDENTIFIED. 6800-CW, March 21 at 0617 regular beeps seem like a second apart, timesignal? But they stop before 0618 as I am starting to time them (Glenn Hauser, OK, DX LISTENING DIGEST)

UNIDENTIFIED. 6905-LSB, March 23 at 2033, Spanish 2-way, good S9 signals rather than any North American pirates. One has good modulation, the slightly weaker contact, rough. Not clear from which side of border, but they are discussing SLPotosÌ, Huasteca, Ciudad Valle, products such as mango, caÒa, aluminio; QSL? So have a ham radio background (Glenn Hauser, OK, DX LISTENING DIGEST)

{in this case, in English as well as Spanish, QSL? Means ``did you copy that?``, not ``will you send me a card?`` There really ought to be separate Q-codes for these quite different meanings}

UNIDENTIFIED. Unknown, Possible Pirate or maybe a rogue ham who has decided to play music? 7200 AM (but possibly SSB heard via my receiver with no SSB capabilities) on Mar 22, 0452. SIO 343 English. Random music offerings ó Lady Gagaís ìBad Romance,î then ìCome on baby light my fireî by The Doors then dead air. Later on at 0501 it was back to

some oldies music ìListen to the music of the falling rainî then more dead air.

http://blog.jmb.mx/index.php/2018/03/23/kg5jst-radio-listening-logt-march-22-23-2018-utc/

(James Branum, KG5JST Radio Listening Log, March 22-23, 2018, UT. Unless otherwise noted, my QTH is EM15ep in the Deer Creek area of far Northwest Oklahoma City, Oklahoma County, Oklahoma, USA. My listening equipment is most often a Tecsun PL-310 ET, but I also sometimes use my Yaesu FT-817, my TIVDIO V-115, my Radio Shack 2000669, as well as AM/FM car radios. My favorite antenna is my MFJ-1988-T multiband backpacker antenna, but many of my receptions are with the stock antenna only or an attached random long-wire, WOR iog via DXLD)

7200-LSB is a favorite hangout for naughty hams, fighting and jamming each other with music or whatever (gh, DXLD)

UNIDENTIFIED. 9475, March 23 at 2028, algo weak S3 instead of WTWW-1; trouble is, nothing else is scheduled. Could be few-watt exciter only, as neighbor 9350 WWCR inblasts at S9+45! (Glenn Hauser, OK, DX LISTENING DIGEST)

UNIDENTIFIED. 9690, March 23 at 0054, steady S9+20 open carrier; I keep a receiver on it and still going without modulation past 0234 when it`s down to S9 fading to S7. What could it be?

Spain could have forgotten to turn off its transmitter after 2300? But another less favorable Eurosig, CRI/Albania on 9570, is only S5-S7 at 0100. It`s much stronger than any of the three 31mb WRMIs. A bit stronger than 9640 RHC but at 0130 CRI/Cuba 9580 is S9+30; 9475 WTWW is S9+20; 9605 Korea/WHRI is about equal to 9690. Could also be a test from Greenville. Nothing around here listed in HFCC B-17 or A-18.

Reminiscent of a previous log two sesquimonths ago as in DXLD 17-52: ``UNIDENTIFIED. 9690, Dec 25 at 0041 past 0100, huge S9+35 open carrier, slight fades, in fact the SSOB, exceeding similar bigsigs from 9395 WRMI S9+30, 9455 S9+25. Seems must be intracontinental, VOA, WRMI or WHRI. At 0050, 9720 RHC is S9+25 but more fading. Surprisingly, CRI Albania 9570 is S9+25/10, while often it`s very weak, so could 9690 be European? Spain maybe left transmitter on after 2300? WRMI has used 9690 in the past too, and now plenty of spare transmitters``.

9690, March 23 at 0546, open carrier heard all evening is still going, but now peaking S4 at best. By 0600 per EiBi it could be Nigeria in Hausa, except 9690 is rarely on besides 7255- (Glenn Hauser, OK, DX LISTENING DIGEST) Later on last day of B-17: did not turn off 9690

after 2300; See SPAIN (gh)

UNIDENTIFIED. 9771-USB, March 26 at 0117, 2-way INTRUDERS, very poor, can`t tell if the brief bits I hear are in Spanish (Glenn Hauser, OK, DX LISTENING DIGEST)

UNIDENTIFIED. 11825.502, March 26 at 1319, JBA carrier on split frequency I have not noticed before. Prime suspect is FEBC Bocaue, PHILIPPINES, scheduled this semihour in Khams Tibetan --- OR a ChiCom jammer to het it if FEBC on 11825.0? (Glenn Hauser, OK, DX LISTENING DIGEST)

UNIDENTIFIED. Radio Tamazuj Strange Co-channel Signal
1 Files   934KB   MP3 [att to the WOR iog]
websdr_recording_start_2018_03_23T14_23Z_13800.mp3

I have been recording Radio Tamazuj (and Radio Dabanga) using the U. Twente SDR receiver for the past couple of weeks or so. Today, in advance of the Radio Tamazuj s/on from the SMG transmitter on 13800 kHz at about 1423 UT, I heard the sound in the attached file. It could also be heard under the SMG signal (obvious quieting when the transmitter came on) before the audio began. Is it some kind of digital signal or jamming of some kind? There was no central carrier visible. I hadn't heard this before in advance of the Radio Tamazuj s/on (-- Richard Langley, NB, March 23, WOR iog via DXLD)

I frequently hear similar sounds on various frequencies and assume they emanate from some local device like a cable box, etc. Glenn

Perhaps. But the U. Twente SDR receiver is typically free of RFI; at least I've not noticed anything specific. The signal I heard was centred on 13800 kHz and about 10 kHz wide at most. Just thought it might be a jammer. Anyone have a recording of what jamming against Radio Tamazuj sounds like? (-- Richard Langley, ibid.)

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UNSOLICITED TESTIMONIALS
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ACKNOWLEDGED ON WORLD OF RADIO 1923:

I enjoy listening on 7730 at 19:30 EST Monday Feb 12 from Winterhaven, CA (John Anderson, with a contribution via PayPal to woradio at yahoo.com)

One may also contribute by money order or cheque in US funds on a US bank to Glenn Hauser, P O Box 1684, Enid OK 73702
~~~~~~

TO BE ACKNOWLEDGED FUTURELY:

Thanks also to Jeff Murri, contribution via PayPal

Thanks also to Chuck Ermatinger, contribution via PayPal

Great show. Keep up the good work (David Cheever, via PayPal)

PUBLICATIONS
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UPDATED FOR A-18:

DX/SWL/MEDIA PROGRAMS
http://www.worldofradio.com/dxpgms.html

WORLD OF RADIO SCHEDULES
http://www.worldofradio.com/radioskd.html

WORLD OF RADIO HITLIST UPDATE

Hi Glenn, my latest Hitlist update.
http://www.w4uvh.net/hitlist.htm

1) UT offsets updated: Croatia (HRT), Germany (HCJB Deutsch, Hamburger Lokal R, SWS), Greece (VoG), Romania (RRI), Spain (Mi Amigo), USA (WRMI)
2) Germany - HCJB Deutsch: Programme and freq links updated
3) Germany - EMR: removed schedule link, (retained home page link whilst site remains live)
4) Korea, South - KBS: Added UT offset for programmes (previously, I'm sure that these were shown as UT; however frequency details are still in UT)
Next update will be towards the end of April.
Best wishes and 73 (Alan Roe, March 25, DX LISTENING DIGEST)

HFCC A18

The new A18 season began today and new schedules by broadcaster are available on the HFCC website at:
http://www.hfcc.org/data/a18/index.phtml

Many of the shortwave guides on the clubís website have already been updated to reflect the new A18 schedules also, including the DX programme guide:
http://bdxc.org.uk/articles.html
Thanks to Tony Rogers who regularly updates these (Alan Pennington,

March 25, bdxc-news iog via DXLD)

EIBI A18 NEW SCHEDULES
http://eibispace.de/dx/freq-a18.txt
http://eibispace.de/dx/bc-a18.txt

AOKI/NDXC USERLIST A18 VERSION
http://www1.m2.mediacat.ne.jp/binews/ut/userlist1.txt
(Glenn Hauser, DX LISTENING DIGEST)

RADIO SCHEDULE IN RUSSIAN / SEASON A18

The site "Voice of Free Russia". Dmitry Elagin, Saratov, Russia.
http://freerutube.info/2018/03/16/raspisanie-radio-na-russkom-yazyike-sezon-a18-leto-2018/

Kursk DX Site. Konstantin Aseev, Kursk, Russia
http://www.aseevka.ru/radio-po-russki/radio-po-russki.html#more-434

Frequency schedules of radio stations in Russian. / Season A18

Novosibirsk DX Site. Igor Yaremenko, Novosibirsk, Russia.
http://www.novosibdx.info/schedules.html
(via Rus-DX 25 March via DXLD)

@kaedotcom

I am relaying news, with occasional commentary, about international broadcasting at https://twitter.com/kaedotcom or @kaedotcom
(Kim Elliott, March 24, WOR iog via DXLD)

Apparently, a blog such as http://www.kimandrewelliott.com is now considered just *too* passÈ. He did upload some new items a month ago, but they were stuff he had already twitted (gh, DXLD)

MARE STAFF MEMBERS WHO RARELY GET RECOGNIZED:

MARE Historian, Ira Caull
Legal Consultant, Upton OíGoode
DXpedition Medical Attendant, Lancelot Boyles
Official Photographer, F. Stop Fitzgerald
DXpedition Equipment Manager, Uneeda Alice Crappe
Receiver Alignment Specialist, Kitty Wampus
DXpedition Antenna Specialists, Guy Hightower & Ariel N. DeTrees
CW Coach, Morris Cody
DXpedition Food Consultant, Fanny Backfyre
Hamfest Coordinator, Selma Junkoff
DXpedition Cabin Air Quality Monitor, Carmine Dioxide

Listlog Checkers, Holly Unlikely, Hugh Lyon Sack & Shirley Ujeste
DXpedition Heater Attendant, Frasier Tushoff
Tip Sheet Log Checkers, Candace B. True & Erin Spelling
DXpedition Annex Checker, Seaton DíJohn
Treasurer, Bill Shredder

Language Consultants:

African local languages, Mal Agassi & Sarah Leone
Andorran, Frances DeSpain
Antarctican, Marcia DePenguins
Apache, Jerry Nomo
Arabic, Mohammed Dunn Tolme
Australian, Barbie Shrimpe & Joaquin Matilda
Brazuguese, Amy Zonas
British, Isaiah Oldchap
Chinese, Rick Shaw & ìCrashî Banger
Creole, Addie Dasha Pepper
Cuban, Marty Jammer
Dutch, Kraken van Dyke
Esperanto, Ulysses Ashell
Farsi, Maya Tollah
Finnish, Shawna Hotflash
Flemish, Bruce L. Sprouts
French, April Lynn Paris & Marcie Beaucoup
Gaelic, Sharon B. Gorrah
German, Alf Weidersehen & Don Kashane
Glossolalia, Holly Lula Ramalamadingdong
Greek, Sue Flockey
Greenlandic, Frasier Assoff
Hauserese, Glenda Spurblob & Jaxon SesquidekaHertz
Hebrew, Schlomo Replay
Hindi, Vishnu Verhere, Curry Favor & Harry Krishna
Icelandic, Sam Boni
Inuit, Iggy Loo Tuktoyuktuk
Italian, Isabella Ringing & Thad Samoray
Jamaican, Reggae Jackson
Japanese, Nicky Hosai & Benny Honda
Jive, Mojo Workman
Korean, Kim Ping Pong
Latin, Vinnie V. DiVici
Malay, Sarah Wacke
Navajo, Cody Talker
Nepali, Monte Everett
Norwegian, Telemark Ernie Fjord
Portuguese, Liz Boa
Quechua, Matthew Picchu
Romanian, Vlad M. Paylor

Russian, Warren Peace & Heywood Jabuzzov
Scottish, Nessie MacHaggis
Spanish, Kay Pasa & Noah Comprende
Swahili, Maurice Tania [sic]
Swedish, Bjorn Toulouse & Ikea Tina Turner
Swiss, Ole OíLeahy
Tibetan, Dolly Lama
Urdu, Ollie N. Stan
Welsh, Cardiffabergynifiangleseydenbighshire Jones

(With homage to Click & Clack the Tappet Brothers)
(MARE Tipsheet 23 March, Harold Frodge, ed., via DXLD)

LANGUAGE LESSONS Tagalog vs Filipino? See PHILIPPINES; ANGOLA
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Answer to Glenn's question in DXLD 1811

>Is 88 of some numerological significance in the Thai pantheon?

Yes, 88 is the very significant number in Asia ñ especially in China and Japan. In Chinese character ì8î is ì?î. As the character looks wider toward the lower end, another meaning of ì8î is ìgetting more and more prosperousî or ìenjoying more prosperityî. So ì88î ñdouble ì8î is a very happy number. In Japan people celebrate their 88th birthday as ìBeijuî(??)(ì?î looks like ì?î+î?î). In China Peking Olympic Games began 8-8 (August 8), 2008..
(Takahito Akabayashi, Tokyo, Japan, DX LISTENING DIGEST)

Since we can`t display Sino-Japanese characters in plain text DXLD, I asked Takahito for a visible version, and here it is:
http://www.w4uvh.net/88.jpg
(Glenn Hauser, DX LISTENING DIGEST)

JBA

Hi Glenn, For a while I have been puzzled by your references to "JBA". What is it please? 73 (/Andrew Brade, UK, DX LISTENING DIGEST)

Hi Andrew, Just barely audible. Very handy and all too frequently applicable. 73, (Glenn to /Andrew, via DXLD)

Ha! I thought it was some kind of software! Thanks for the explanation. It shows I'm reading your posts! 73 (/Andrew, ibid.)

WORLD OF HOROLOGY
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3 Promo's for the "Global HF Weekend" (March 30 + 31 - April 1)

Please spread or post the following link on your webpage(s)! (Here you can Listen Online/Download the Promo's)
https://drive.google.com/drive/folders/1u_5BP0nohkbOt_P_g-4KsY2NdDzRlrWt

Best Free Radio Greets
1495202452925_Logo

(Andre, CoolAM Radio Productions for Jingles- & Promo's!
the Netherlands http://coolam-productions.tk
DX LISTENING DIGEST)

Tnx, I mentioned this at end of WORLD OF RADIO 1923, but such Produxions would rather clash with the tone of WOR (gh) see EUROPE

DST

Hi Glenn, I heard WOR 1922 this morning via Hamburger Lokalradio.

Regarding the A18 season, you mentioned "daylight SWITCHING time". I found this strange as I had always thought DST stood for "daylight SAVING time". Is it commonly reffered to as d.. switching t... in the USA? Best greetings from Paris, France (Gilles Lesquin, March 24, DX LISTENING DIGEST)

Gilles, I say Daylight Shifting Time, not Switching. I make quite an issue of this nomenclature, as daylight is not and cannot be ``saved``, merely shifted to a different part of the clocks. I am afraid this idea has not caught on generally in the USA (Glenn to Gilles, via DXLD)

OK Glenn, thanks. I had head ìswitchingî, due to my poor English certainly. But you can't shift daylight either. Daylight is just light, you can't switch it, shift it, save it or whatever.

As DST is meant to have more hours of daylight available for human activity, ìsavingî seems to me to be the least inappropriate terminology. Anyway ìDaylight Saving Timeî is the official terminology in all English speaking countries, with the possible exception of the USA. Regards, (Gilles, ibid.)

MUSEA
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ëON THE RADIOí EXHIBIT AT SAN FRANCISCO AIRPORT CELEBRATES RADIO HISTORY --- Radio Survivor By Jennifer Waits March 22, 2018

Radio fans have a major reason to visit San Francisco this year: the SFO Museum just debuted the massive ìOn the Radioî exhibit in Terminal 3 of the San Francisco International Airport (SFO). Until September 30, 2018, travelers can feast their eyes on 27 cases full of historical items related to radioís past, ranging from 1920s crystal radios to 1970s novelty radios.

Of particular interest to radio historians, ìOn the Radio,î features around 120 radios in addition to photographs, artwork from vintage radio magazine covers, advertisements, popular culture artifacts, microphones, vacuum tubes, and more. Accompanied by SFO Museumís Assistant Curator of Exhibitions Daniel Calderon, I spent more than 90 minutes touring through the extensive exhibit; while most of the other Monday morning passersby zipped through on their way to and from flights. During my visit, a number of passengers perused the main part of the installation, reading accompanying text and chatting with friends and family members about the objects on display. Others pointed out the radio photographs and magazine covers while riding on one of the two moving walkways that bookend ìOn the Radio.î

My tour of ìOn the Radioî amazed me on several levels. Itís one of the most extensive radio exhibits that Iíve ever witnessed and certainly the largest that Iíve seen in a non-radio environment. With thematic display cases, ìOn the Radioî also provides an incredible overview of not only radio history, but also at the wide range of radios that have been created over the years.

See more of this article:
http://www.radiosurvivor.com/2018/03/22/on-the-radio-exhibit-at-san-francisco-airport-celebrates-radio-history/
(via Mike Terry, March 23, WOR iog via DXLD)

DIGITAL BROADCASTING --- DRM See ETHIOPIA; JAPAN; KUWAIT; ROMANIA
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DIGITAL BROADCASTING --- DAB See NETHERLANDS; NORWAY; RADIO EQUIPMENT
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DIGITAL BROADCASTING --- DTV See MEXICO; RUSSIA; USA
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RADIO EQUIPMENT FORUM
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XH Data D-808 [re 18-11]

I was very surprised to read in Communication this month on page 4 David Duckworth stating the XH Data D-808 is a rebadged C Crane CC

Skywave. Owning both receivers I can state that this is simply not true. They are two very different receivers with the D-808 being larger. Other differences are the D-808 has SSB, RDS and no US WX band. The D-808 is a superior beast ñ and has made my Tecsuns 310/380 and CC Skywave redundant.

The Digitech AR1733 appears to be a rebadged Skywave. Regards (Stuart Heathcock, March 24, bdxc-news iog via DXLD)

CCRANE SKYWAVE SSB REVIEW AND SHOOT-OUT UPDATE

http://www.dxer.ca/index.php/our-stuff/103-the-ccrane-skywave-ssb-absolute-first-look-part-one
-- (Colin Newell, BC, HCDX, DX LISTENING DIGEST)

THE END OF RADIO AS WE KNOW IT --- Radiodays Europe report
Radio Today 21 March 2018
https://radiotoday.co.uk/2018/03/radio-is-dead-claims-futurist-at-radiodays/

The talking points from Radiodays Europe includes smart speakers taking over the world, the death of DAB and even the end of radio as we know it.

But away from the sensational headlines, are a number of important points about the direction radio will go in the next decade.

Smart Speakers ñ namely Alexa ñ is the fastest growing technology to hit our industry, and was mentioned in most sessions. Alexa is even part of the imaging on Z100 New York. Creative Director Staxx (()) has all his celebrity guests talk to Alexa asking to play Z100. Getting the command in listeners minds first will help them win the smart speaker space.

Ben Hammersley (Futurist, Contributing Editor, Wired, and Principal of Hammersley Futures, UK), claimed Radio is Dead but audio is going strong. ìWe know from our own behaviour, let alone consumers, weíre going to buy an iPhone 12 ñ weíre not going to buy a DAB radio,î he said before displaying the slide above about the death of radio.

Ben is the Editor-at-large of digital publication WIRED, and claims to be the inventor of the world Podcast, so we should take some notice of his predictions on trends and technology. ìThis is the first time in history that our tools have got twice as good in a year ñ we have come to terms with thisî said Ben.

ìAs we constantly move towards the future, radio itself is probably dead, but audio is not. We are living through a golden age of audio, more people are listening that ever before and the diversity of

programme is better than ever.

ìSo what should broadcasters do to take advantage of this golden age? We need to adapt legacy free technology and reinvent our processes ñ the world is ours for the taking!î

The opening session included BBC Director of Music Bob Shennan who threw the doors wide open on the DAB debate once again. He stated that now is not the right time for a switchover, and more work must be done by the entire industry before the UK starts thinking about any DAB-only future.

Advice during the many sessions ranged from the best bit rates for your podcast to which radio promotions to run on your station or network to generate the most interest. 1600 delegates from 60 contries attended. There were 130 speakers, 60 sessions and 60 exhibitors. Oh, and Midge Ure sung Vienna in the main room after a spot of lunch on day 2!

The Radiodays Europe media team has been creating dozens and dozens of content around the event, along with attending press, and weíve included a small selection below. To see the live twitter feed, see RadioTodayLive.com and visit RadiodaysEurope on Facebook (via Mike Terry, WOR iog via DXLD)

RECEIVING ANTENNAS FOR THE RADIO AMATEUR
new ARRL book on Receiving antennas

Now Shipping --- Increase your station' s receive performance with new book Receiving Antennas for the Radio Amateur by ARRL author Eric P. Nichols, KL7AJ.

Although the fundamental characteristics of antennas apply to both transmitting and receiving, the requirements and priorities of receiving antennas can be vastly different from those of transmitting antennas. Receiving Antennas for the Radio Amateur focuses entirely on active and passive receiving antennas and associated circuits. Relatively few cases exist where a radio amateur cannot benefit from a separate, well-designed receiving antenna, especially on 160 and 80 meters, and, of course, on our new allocations at 630 and 2200 meters.

The active antenna holds a prominent position in this book, as it offers good receiving performance while taking up minimal space. Recent developments in RF semiconductors, especially low-noise RF operational amplifiers, have made a number of previously difficult-to-implement active antenna designs a very simple task.

Receiving Antennas for Radio Amateurs is available from the ARRL Store

or your ARRL Dealer. (ARRL Item no. 0789), ISBN: 978-1-62595- 078-9, $27.95 retail, special ARRL Member Price $24.95. Call 860-594-0355 or, toll-free in the US, 888-277-5289. It will soon be available for the Amazon Kindle (via Scott Blixt, March 24, MDXC yg via DXLD)

Hey, do you suppose this might be applicable to those without even transmitters?? (gh, DXLD)

TRY YOUR CARADIO FOR C-QUAM AM STEREO

The latest issue of Radio World contained a letter to the editor encouraging AM stations that had C-QUAM AM Stereo exciters still in the rack but idle to turn them back on. The recommendation was based on the fact that many HD Radio receivers will decode AM Stereo with the L & R channels flipped. The fidelity of the AM Stereo signal is greatly improved over the normal bandwidth restricted AM signal at between 5-9 kHz instead of the crappy 3.5 kHz audio bandwidth that the NRSC mask produces.

If you are one of those who has a newer vehicle with a HD capable receiver, have you tried listening to stations like WION to see if your car radio does indeed decode C-QUAM? Since all of my cars ore quite vintage (nice word for older than dirt) I don't have a radio that I can use to check it out (Paul Dobosz, MARE Tipsheet 23 March, Harold Frodge, ed., via DXLD)

HALLICRAFTERS: "THE AMAZING WORLD OF SHORTWAVE LIS-TENING"

45 rpm record from 1959 VG+ condition with sleeve See:
https://www.youtube.com/watch?v=RkTs9itKa74&feature=share
(Tom Kamp via A-DX via SW Bulletin March 25 via DXLD)

[SDR-Radio] GOOD SDR WRITE UP BY N0KK

Just a primer for newbies that N0KK put together for his club newsletter.
http://www.tcdxa.org/Newsletters/March2018GrayLine.pdf
(Paul Newcombe via SDR-Radio via SW Bulletin March 25 via DXLD)

OTH RADAR AND OTHER INTRUDERS INTO HAMBANDS

From the ARRL in today's weekly newsletter:

The International Amateur Radio Union Region 1 (IARU-R1) Monitoring System (IARUMS) reports that one of China's over-the-horizon radar (OTHR) installations has been causing interference in the Amateur Radio 7 MHz band. The IARUMS February newsletter reports on that intruder and others.

Other Top 5 intruders include a "single-letter beacon" transmitting either the letter "K" or the letter "T" on 7039.3 kHz. The source is believed to be in the Russian Pacific, Petropavlovsk-Kamchatsky.

A Russian F1B teleprinter signal (RDL) has appeared on 7193 kHz, with an encrypted frequency-shift-keyed (50-baud) signal, originating in Kaliningrad. Authorities in Germany and Switzerland have filed official complaints.

A Russian orthogonal frequency-division multiplex OFDM 60 signal has been showing up on 14.235 MHz, covering nearly 3 kilohertz. It's said to be located in Moscow. Three Russian OFDM 60 signals were active at the same time on February 13. A Russian F1B signal has been observed on 14.308 MHz, 50 baud, 500 Hz shift, also reported to be in Moscow.

In the "miscellaneous or bad news" category, IARUMS Region 1 Coordinator Wolf Hadel, DK2OM, reports Spanish-speaking "fishermen" on 3560 kHz (USB), heard daily at 1600 UT or later. These signals have been heard on other 80-meter frequencies.

Broadcaster Radio Hargeisa in Somaliland continues to be reported on 7.120 MHz (AM) daily.

The Chinese over-the-horizon radar signal on 40 meters [Wolf Hadel, DK2OM, image] (via Paul Dobosz, MARE Tipsheet 23 March, via DXLD)

PROPAGATION
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ìROGUEî SUNSPOTS SPOIL CHANCES FOR LONG-TERM SPACE WEATHER FORECASTING
ñ Science Trends --- Interesting article, via eHam.net
https://sciencetrends.com/rogue-sunspots-spoil-chances-for-long-term-space-weather-forecasting/

The number of solar spots and eruptive phenomena connected to them show cyclical variations with a mean period of 11 years. The strength of these solar cycles, however, varies considerably. We know about periods in the past, called Grand Minima, when no sunspots were observable for decades.

This was also the case during the Maunder Minimum in the second half of the 17th century, which thought to be associated with the "Little Ice Age." On the other hand, we observed a period of very strong cycles, known as Modern Maximum at the end of the last century. The currently-ongoing Cycle 24 is breaking this series with an amplitude much lower than the typical values during Modern Maximum. Forecasting these long-term, cycle-to-cycle variations is the Holy Grail of solar

dynamo theory, the discipline studying the origin of solar activity. In recent years, our understanding of the driving mechanisms of the solar dynamo has developed significantly, however, sadly, the new results also pointed out the limits of predicting the properties of the upcoming solar cycle (via Mike Terry, WOR iog via DXLD)

Interesting indeed, Mike, and thanks for posting the link. Overall, it doesn't sound good but I did take solace in this line:

"Events such as the onset of a grand minimum or an unusually strong ìfreakî solar cycle, such as the one that peaked in 1957, may prove to be impossible to predict more than a few years ahead ñ much to the chagrin of solar and space researchers."

... so there may yet be hope for a monster Cycle 25 :-)) (Steve McDonald, WEB - "The VE7SL Radio Notebook": http://qsl.net/ve7sl/
VE7SL BLOG - "Homebrewing and Operating Adventures From 2200m to Nanowaves": http://ve7sl.blogspot.ca/
WOR iog via DXLD)

:Product: Weekly Highlights and Forecasts
:Issued: 2018 Mar 26 0143 UTC
Prepared by the US Dept. of Commerce, NOAA, Space Weather Prediction Center
Product description and SWPC contact on the Web
http://www.swpc.noaa.gov/weekly.html
#
Weekly Highlights and Forecasts
#
Highlights of Solar and Geomagnetic Activity 19 - 25 March 2018

Solar activity was very low. The sun was spotless and absent of significant flare activity. No Earth-directed CMEs were observed during the period.

No proton events were observed at geosynchronous orbit.

The greater than 2 MeV electron flux at geosynchronous orbit was at high levels on 19-25 March.

Geomagnetic field activity reached G1 (Minor) storm levels on 19 March and active levels on 23-25 March due to the influence of recurrent, negative polarity CH HSS effects. Quiet to unsettled conditions were observed on 20-22 March.

FORECAST OF SOLAR AND GEOMAGNETIC ACTIVITY 26 MARCH - 21 APRIL 2018

Solar activity is expected to be at very low levels throughout the

outlook period.

No proton events are expected at geosynchronous orbit.

The greater than 2 MeV electron flux at geosynchronous orbit is expected to be at high levels on 26-28, 30-31 March and 01-02, 12-21 April. Normal to moderate levels are expected for the rest of the period.

Geomagnetic field activity is likely to be at G1 (Minor) storm levels on 26 March and 12 April with active periods likely on 26, 29-30 March, and 11-15, 19, 21 April due to effects from multiple, recurrent CH HSSs. Quiet to unsettled levels are expected for the remainder of the outlook period.

:Product: 27-day Space Weather Outlook Table 27DO.txt
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27-day Space Weather Outlook Table
Issued 2018-03-26
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# UTC Date	Radio Flux 10.7 cm	Planetary A Index	Largest Kp Index
2018 Mar 26	68	18	4
2018 Mar 27	68	10	3
2018 Mar 28	68	5	2
2018 Mar 29	68	15	4
2018 Mar 30	68	12	4
2018 Mar 31	68	8	3
2018 Apr 01	68	5	2
2018 Apr 02	68	5	2
2018 Apr 03	69	5	2
2018 Apr 04	70	5	2
2018 Apr 05	70	5	2
2018 Apr 06	70	5	2
2018 Apr 07	70	5	2
2018 Apr 08	70	5	2
2018 Apr 09	70	5	2
2018 Apr 10	70	8	3
2018 Apr 11	70	15	4
2018 Apr 12	70	20	5
2018 Apr 13	70	15	4
2018 Apr 14	70	15	4
2018 Apr 15	70	15	4

2018 Apr 16	69	8	3
2018 Apr 17	68	5	2
2018 Apr 18	68	5	2
2018 Apr 19	68	15	4
2018 Apr 20	68	10	3
2018 Apr 21	68	15	4

(SWPC via WORLD OF RADIO 1923, DXLD) ####